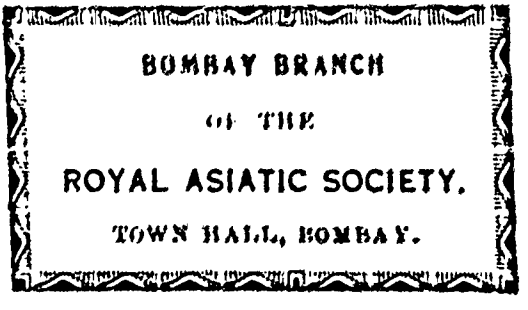
Bombay Municipality

Record of Proceedings of the Municip
Corporation [illegible] Standing Committe

1889-90

12
11
2



Digitized with financial assistance from
Government of Maharashtra
on 01 February, 2020

Bombay Municipality

RECORD OF PROCEEDINGS

OF

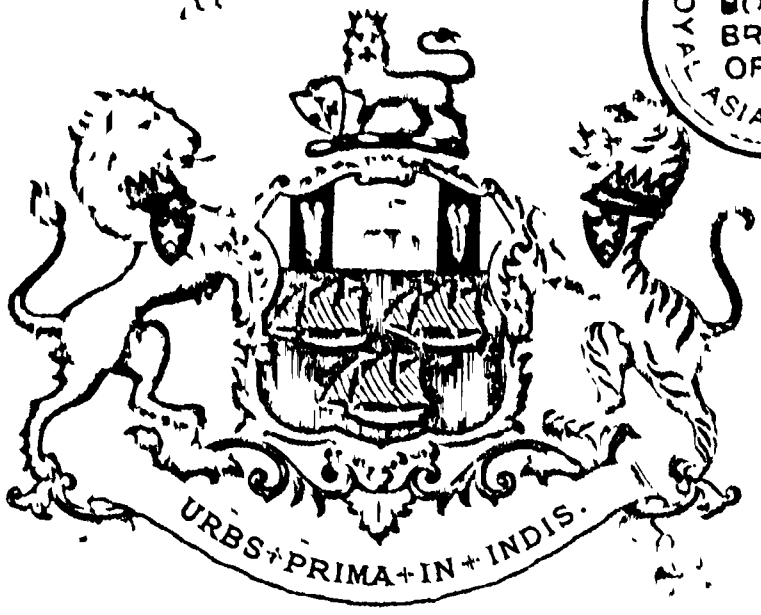
THE MUNICIPAL CORPORATION

AND

THE STANDING COMMITTEE,

1337?? 1889-90.

LIBRARY
OF THE
BOMBAY
BRANCH
OF THE
ROYAL ASIATIC



VOL. XIII.

Part I.—PROCEEDINGS OF THE CORPORATION.

Part II.—PROCEEDINGS OF THE STANDING COMMITTEE.

PREPARED BY THE

MUNICIPAL SECRETARY.

LIBRARY
OF THE
BOMBAY
BRANCH
OF THE
ROYAL ASIATIC

00133793

PREFACE.

RETURN of Meetings of the Corporation between 1st April 1889 and 31st March 1890, and the attendance of Councillors thereat.

	Meetings held.	Meetings convened, but postponed for want of quorum of Members.
Ordinary Monthly and Adjourned Monthly Meetings	35	.....
Special and Adjourned Special Meetings	23	1
Meeting of urgency	1	.....
Attendances for presentation of Addresses to H. R. H. Prince Albert Victor of Wales and to H. R. H. the Duke of Connaught	8	.....
Attendance at the ceremony of laying foundation stone of the Lepers' Asylum by H. R. H. Prince Albert Victor of Wales on a site at Trombay	1	.....
Note.—Besides these Meetings, there were thirteen adjournments of them appearing from time to time, on the agenda paper, but the adjournments so set down were not reached on the days for which they were fixed.		
Total.....	63	1
COMMITTEE MEETINGS DITTO, DITTO.		
1. Addresses to H. R. H. Prince Albert Victor of Wales, H. R. H. the Duke of Connaught and Lord Harris	9	.....
2. Bullocks of the Health Department—mortality amongst	2	.....
3. Burial places—question of	1	.....
4. By-Laws—building	2	.....
5. Fever—mortality from	1	.....
6. Indian Railways' Bill	1	.....
7. Karelwadi "Panday Street"—petition as to erection of a stable at	1	3
8. Lighting, public, with gas—means to be adopted on the termination of the contract with the Gas Company	3	.....
9. Loan and Loan Funds	2	.....
10. Nuisance arising from the discharge of sewage in the Surface Drainage Reservoir on the Flats	1	.....
11. Pawai Water Works	1	.....
12. Rules of Procedure and Standing Orders of the Corporation—revision of	1	.....
13. Saving life in time of epidemic	.....	1
14. Schedule of new Municipal Offices and proposed increases in the pay of existing appointments	7	.....
Total.....	32	4
GRAND TOTAL.....	95	5

ROYAL ASIATIC SOCIETY LIBRARY OF THE BOMBAY BRANCH

RETURN of Meetings of the Corporation between 1st April 1889 and 31st March 1890, and of the attendance of Councillors thereat.

NAMES.	Attendance at Corporation Meetings.	Attendance at Sub-Committee Meetings.	Total.	Remarks.
Grattan Geary, Esq., *J.*, *President*	59	9	68	
Abdalla M. Dharamsi, Esq., B.A., LL.B., *R* (B Ward)	23	1	24	
Alston, J. S., Esq., *G*	19	4	23	Resigned 18th March 1890.
Amirudin Tyabji, Esq., *G*	33	1	34	Mr. Amirudin appointed by Government in place of Mr. M. H. Hakim, resigned on 6th May 1889.
Anandrao Narayen Vasudeo, Esq., J	24	0	24	Mr. Anandrao elected on 3rd June 1889, by the Justices of the Peace.
Arnott, J., Surgeon-Major, M.D., C.M., *J*	9	0	9	Dr. Arnott proceeded to Europe, on 13th August 1889, and in his place Surgeon-Major G. A. Maconachie was elected by the Justices.
Bhagwandas Narotumdas, Esq., *R* (F Ward)	46	0	46	
Bhalchandra Krishna Bhatawadekar, Esq., L.M. *R* (D Ward)	55	8	63	
Blaney, Thomas, Esq., *J*	56	10	66	
Bomonjee Pestonjee Master, Esq., *R* (C Ward)	13	0	13	
Burder, H. C., Esq., *G*	19	0	19	Mr. Burder resigned on 6th November 1889, and on 17th January 1890 Government appointed Mr. J. P. Cornforth.
Byramjee Nusserwanjee Servai, Esq., *J*	36	0	36	
Carroll, E. B., Esq., M.I.C.E., *G*	36	11	47	
Cornforth, J. P., Esq., *G*	14	0	14	Mr. Cornforth appointed by Government as above, 17th January 1890.
Cotton, G., Esq., *C C*	15	5	20	Mr. Cotton was absent from Bombay from 31st October 1889 to 9th March 1890.
Cowasjee Hormusjee, Esq., G.G.M.C., *R* (C Ward)	47	6	53	
Damodar Tapidas, Esq., *G*	32	0	32	
Damodar Thakersi Mulji, Esq., *R* (C Ward)	34	0	34	Mr. Damodar T. Mulji was absent from Bombay from 21st May 1889 to 9th October following.
Darashah Ratanji Chichgar, Esq., *J*	30	0	30	Mr. Darashah elected by the Justices in place Mr. Hormasji Dadabhai, on 10th September 1889.

NAMES.	Attendance at Corporation Meetings.	Attendance at Sub-Committee Meetings.	Total.	Remarks.
DeSouza, *Phillip* Clement, Esq., L.M., *J*	1	0	1	Mr. DeSouza died on 9th May 1889. (At the Justices' Election on 3rd June 1889, Messrs. Eknath R. Khote, Anandrao N. Vasudeo and Captain W. P. Walshe were elected Councillors.)
Dinshaw Edulji Wacha, Esq., *R* (A Ward)	49	10	59	
Dosabhai Framji, Esq., C.S.I., *J*	32	3	35	
Duxbury, J. R., Esq., *R* (A Ward)	36	8	44	
Eknath Raghunath Khote, Esq., *J*	38	0	38	Mr. Eknath elected by the Justices, on 3rd June 1889.
Elappa Balaram, Esq., *R* (F Ward)	14	0	14	Mr. Elappa elected by Ratepayers, on 13th January 1890, in place of Mr. Nanabhoy B. Jejeebhoy, resigned.
Fazalbhai Jumabhai Lalji, Esq., *R* (B Ward)	36	0	36	
Fazulbhoy Visram, Esq., *G*	32	1	33	
Fernandez, J. F., Esq., *R* (G Ward)	22	1	23	
Framji Dorabji Divecha, Esq., L. M. & S., *R* (A Ward)	43	0	43	
Gilbert, Reginald, Esq., *G*	21	0	21	
Govardhandas Gokuldas Tejpal, Esq., *R* (B Ward)	11	0	11	Mr. Govardhandas elected by Ratepayers, 27th September 1889, in place of Mr. Jalbhoy Ardesir Sett.
Govardhandas Khatao Makanji, Esq., *R* (B Ward)	7	0	7	Mr. Govardhandas elected in place of Mr. Narotumdas Govardhandas, on 4th March 1890.
Gubbay, A. M., Esq., *G*	30	6	36	
Hasambhai Visram, Esq., *J*	26	0	26	
Hormusjee Dadabhoy, Esq., *J*	3	0	3	Mr. Hormusjee resigned, 16th August 1889, and in his place Mr. Darashah R. Chichgar was elected.
Hurkisondas Narotumdas, Esq., *R* (A Ward)	32	0	32	
Jagmohandas Vandrawandas, Esq., *R* (C Ward)	39	0	39	
Jalbhoy Ardaseer Sett, Esq., *R* (B Ward)	2	0	2	Mr. Jalbhoy vacated his seat, by absence from Bombay, and was succeeded by Mr. Govardhandas G. Tejpal, as above.
Sir Jamsetjee Jejeebhoy, Bart., C.S.I., *G*	22	0	22	Sir Jamsetjee was absent from Bombay, from 23rd May to 25th August 1889.
Jamsedji Kharsedji Kama, Esq., *J*	37	2	39	
Jamshedjee Pallonjee Kapadia, Esq., *R* (D Ward)	28	0	28	
Javerilal Umiashankar Yajnik, The Hon'ble Mr. *J*	46	12	58	

NAMES.	Attendance at Corporation Meetings.	Attendance at Sub-Committee Meetings.	Total.	Remarks.
Jaya Karadi Lingu, Esq., *R* (E Ward)	57	0	57	
Jiwanji Jamsedji Modi, Esq., B.A., *U*	14	0	14	Mr. Jivanji resigned his seat, 27th June 1889, and was succeeded by Mr. Manekshah J. Taleyarkhan.
Kaikhosro Nowroji Kabraji, Esq., *J*	46	6	52	
K. M. Shroff, Esq., *R* (A Ward)	45	2	47	
King, Harold R., Esq., *G*	15	0	15	Mr. Harold King was absent from Bombay from 26th September 1889, to 19th February 1890.
Kirkham, T. B., Esq., *G*	11	1	12	Mr. Kirkham was absent from Bombay from 29th November 1889 to 19th March 1890.
Luchmon Singh, Rai Bahadur, *R* (E Ward)	52	0	52	
Mahomed Hussein Hakim, Esq., *G*	1	0	1	Mr. Hakim resigned and was succeeded by Mr. Amiruddin Tyabji, on 6th May 1889.
Maconachie, G. A., Surgeon-Major, *J*	17	1	18	Dr. Maconachie elected by the Justices, in place of Dr. Arnott, on 30th September 1889.
Manekji Behramji Dadabhoy, Esq., *J*	39	0	39	
Manekshah J. Taleyarkhan, Esq., B.A., LL.B., *U*	8	0	8	Mr. Manekshah elected by University, in place of Mr. Jivanji J. Mody, on 6th September 1889.
Meherjibhai Rastamji Setana, Esq., L.M. & S., *R* (D Ward)	27	0	27	
Merewether, G. L. C., Colonel, R.E., *G*	44	19	63	
Mirza Hussein Khan, Esq., *G*	23	0	23	
Morland, Captain Sir Henry, Kt., H.M.I.M., F.B.G.S., F.B.A.S., ASSOC. I.C.E., *G*	30	1	31	Sir Henry Morland left Bombay on 10th May 1889, for 6 months, without resigning his seat. (See Proceedings of Corporation, 6th May 1889).
Mulji Bhawanidas Barbhaya, Esq., *R* (D Ward)	26	0	26	
Muncherjee Cowasjee Murzban, Khan Bahadur, ASSOC. M.I.C.E., *J*	26	8	34	
Muncherjee Nowrojee Banajee, Esq., *R* (E Ward)	40	2	42	
Nanabhoy B. Jeejeebhoy, Esq., *R* (F Ward)	5	0	5	Mr. Nanabhoy resigned his seat, on 9th December 1889, and in his place Mr. Elappa Balaram was elected on 13th January 1890.
Naoroji Beiramji Suntook, Esq., *R* (C Ward)	55	0	55	
Narayen Ganesh Chandavarkar, Esq., B.A., LL.B., *R* (D Ward)	22	2	24	
Narotamdas Govardhandas, Esq., *R* (B Ward)	32	0	32	Mr. Narotamdas resigned, on 11th February 1890, and in his place Mr. Govardhandas Khatao Makanji was elected.

NAMES.	Attendance at Corporation Meetings.	Attendance at Sub-Committee Meetings.	Total.	Remarks.
Pherozeshah Merwanjee Mehta, Esq., *J*	35	5	40	
Portman, A. B., Colonel, *J*	2	0	2	Col. Portman resigned his seat, on 30th April 1889, on proceeding to Europe on furlough. (At the Justices' Election on 3rd June 1889, Messrs. Eknath R. Khote, Anandrao N. Vasudeo and Captain W. P. Walshe were elected Councillors.)
Purshotumdas Munguldas Nathubhoy, Esq., *R* (G Ward)	24	0	24	
Raghunath Narayan Khote, Esq., C.I.E., *G*	11	0	11	
Rahimtula Khairaz, Esq., *R* (D Ward)	40	1	41	
Rahimtula Mohamed Sayani, The Hon'ble Mr., M.A., LL.B., *R* (B Ward).	42	9	51	
Rastamji Nasarvanji Khory, Esq., M.D., M.R.C.P. (London), *R* (D Ward).	28	6	34	
Rustomjee Dhunjeebhoy Sethna, Esq., B.A., LL.B., *U*	21	0	21	
Roughton, G. W., Esq., *C. C.*	25	0	25	
Selby, H. O., Major, R.E., *R* (E Ward)	12	0	12	
Shivaji Dhurmaji, Esq., *R* (E Ward)	52	0	52	
Tribhowandas Munguldas Nuthoobhoy, Esq., *R* (C Ward)	31	0	31	
Tribhowandas Vurjeewandas, Esq., *R* (C Ward)	27	0	27	
Underwood, E. F., Esq., B.A., M.D. *R* (A Ward)	13	0	13	
Vandrawundas Purshotumdas, Esq., *R* (B Ward)	39	2	41	
Vasudeo J. Kirtikar, Rao Saheb, *R* (C Ward)	15	1	16	
Viegas, Accacio Gabriel, Esq., L. M. & S., *R* (B Ward)	47	1	48	
Vishvanath Narayan Mandlik, Rao Saheb, C.S.I., *J*	0	0	0	Rao Saheb Mandlik died on 9th May 1889. (At the Justices' Election, on 3rd June 1889, Messrs. Eknath R. Khote, Anandrao N. Vasudeo and Captain W. P. Walshe were elected Councillors.)
Walshe, W. P., Captain, *J*	19	1	20	Captain Walshe was elected by the Justices, on 3rd June 1889.

Note.—The letters against the names signify—*R*, that the member was elected by the Ratepayers; *J*, by the Bench of Justices; *C C*, by the Chamber of Commerce *U*, by the University; and *G*, appointed by Government.

STANDING COMMITTEE.

Meetings held during the year were :—

	Meetings held.	Meetings convened but not held for want of quorum of members.
Regular and Special Meetings	56	0
Committees.		
Re question of Appendices to Annual Administration Report	1	0
Audit	43	0
Attendances for signing cheques	129	0
Land, taking up of, for the Crawford Market Extension and for the Fire Brigade Station for Fort district ...	1	0
Water-supply	2	1
Total...	176	1
GRAND TOTAL...	232	1

Attendance at Standing Committee Meetings, 1889-90.

NAMES.	Attendance at Standing Committee Meetings.	Attendance at Sub-Committee Meetings, including Cheque signing, &c.	Total.	Remarks
Blaney, Thomas, Esq., *Chairman, C*	53	14	67	
Carroll, E. B., Esq., M.I.C.E., *G.*	46	3	49	
Cowasjee Hormusjee, Esq., G.G.M.C., *C*	57	20	77	
Dosabhai Framji, Esq., C.S.I., *C*	44	3	47	Mr. Dosabhai resigned the Chairmanship on 30th October 1889, and was succeeded by Mr. Blaney.
Fazulbhoy Visram, Esq., *G.*	53	16	69	
Javerilal Umiashankar Yajnik, The Hon'ble Mr., *C*	49	16	65	
Kaikhosro N. Kabraji, Esq., *C*	50	13	63	
K. M. Shroff, Esq., *C.*	55	35	90	
Merewether, G. L. C., Colonel, R.E., *G*	52	64	116	
Morland, Captain Sir Henry, Kt., H.M.I.M., F.R.G.S., F.R.A.S., Assoc. I.C.E., *C*	7	6	13	Sir Henry Morland resigned his seat on the Committee, on proceeding to Europe, 8th May 1889, and was succeeded by Major Selby.
Mulji Bhawanidas Barbhaya, Esq., *G*	51	5	56	
Muncherjee Nowrojee Banajee, Esq., *C*	54	15	69	
Nanabhoy B. Jeejeebhoy, Esq., *C*	1	.....	1	Not re-elected.
Raghunath Narayan Khote, Esq., C.I.E.,	1	.....	1	Not re-elected.
Rahimtula Mohamed Sayani, The Hon'ble Mr., M.A., LL.B., *C*	1	.....	1	Not re-elected.
Selby, Major H. O., R.E., *C*	24	23	47	Major Selby elected by Corporation on 16th May 1889, in place of Sir Henry Morland.
Vishvanath Narayan Mandlik, Rao Saheb, C.S.I., *C*	.....	.....	.....	Not re-elected (Deceased.)
Waters, G., Surgeon-Major, L.R.C.S., L.R.C.P., *C*	.....	.....	.....	Not re-elected.

MUNICIPAL CORPORATION.

As Existing, 31st March 1890.

GRATTAN GEARY, Esq., *J., President.*

ABDALLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. *R* (B Ward)
AMIRUDIN TYABJI, Esq. *G*
ANANDRAO NARAYEN VASUDEO, Esq. *J*
BHAGWANDAS NAROTUMDAS, Esq. *R* (F Ward)
BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M. *R* (D Ward)
BLANEY, THOMAS. Esq. *J*
BOMONJEE PESTONJEE MASTER, Esq. *R* (C Ward)
BYRAMJEE NUSSERWANJEE SERVAI, Esq. *J*
CARROLL, E. B., Esq., M.I.C.E. *G*
CORNFORTH, J. P., Esq. *G*
COTTON, GEORGE, Esq. *C C*
COWASJEE HORMUSJEE, Esq., G.G.M.C. *R* (C Ward)
DAMODAR TAPIDAS, Esq. *G*
DAMODAR THAKERSI MULJI, Esq. *R* (C Ward)
DARASHAH R. CHICHGAR, Esq. *J*
DINSHAW EDULJEE WACHA, Esq. *R* (A Ward)
DOSABHAI FRAMJI, Esq., C.S.I. *J*
DUXBURY, J. R., Esq. *R* (A Ward)
EKNATH RAGHUNATH KHOTE, Esq. *J*
ELAPPA BALARAM, Esq. *R* (F Ward)
FAZALBHAI JUMABHAI LALJI, Esq. *R* (B Ward)
FAZULBHOY VISRAM, Esq. *G*
FERNANDEZ, J. F., Esq. *R* (G Ward)
FRAMJI DORABJI DIVECHA, Esq., L. M. & S. *R* (A Ward)
GILBERT, REGINALD. Esq. *G*
GOVARDHANDAS GOKULDAS TEJPAL, Esq. *R* (B Ward)
GOVARDHANDAS KHATAO MAKANJI, Esq. *R* (B Ward)
GUBBAY, A. M., Esq. *G*
HASAMBHAI VISRAM, Esq. *J*
HURKISSONDAS NARROTUMDAS, Esq. *R* (A Ward)
JAGMOHANDAS VANDRAWANDAS, Esq. *R* (C Ward)
SIR JAMSETJEE JEJEEBHOY, BART., C.S.I. *G*
JAMSEDJI KHARSEDJI KAMA, Esq. *J*
JAMSHEDJEE PALLONJEE KAPADIA, Esq. *R* (D Ward)
JAVERILAL UMIASHANKAR YAJNIK, THE HON'BLE MR. *J*
JAYA KARADI LINGU, Esq. *R* (E Ward)
KAIKHOSRO NOWROJI KABRAJI, Esq. *J*
K. M. SHROFF, Esq. *R* (A Ward)
KING, HAROLD R., Esq. *G*
KIRKHAM, T. B., Esq. *G*
LUCHMON SINGH, RAI BAHADUR, *R* (E Ward)
MACONACHIE, G. A., SURGEON-MAJOR, M.D. *J*
MANEKJI BEHRAMJI DADABHAI, Esq. *J*
MANEKSHAH J. TALEYARKHAN, Esq., B.A., LL.B. *U*
MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S. (D Ward)
MEREWETHER, G. L. C., COLONEL, R.E. *G*
MIRZA HUSSEIN KHAN, Esq. *G*
MORLAND, CAPTAIN SIR HENRY, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. *G*
MULJI BHAWANIDAS BARBHAYA, Esq. *G*
MUNCHERJEE COWASJEE MURZBAN, KHAN BAHADUR, ASSOC. M.I.C.E. *J*
MUNCHERJEE NOWROJEE BANAJEE, Esq. *R* (E Ward)
NAOROJI BEHRAMJI SUNTOOK, Esq., *R* (C Ward)
NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B. *R* (D Ward)
PHEROZESHAH MERWANJEE MEHTA, Esq. *J*
PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq. *R* (G Ward)
RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. *G*
RAHIMTULA KHAIRAZ, Esq. *R* (B Ward)
RAHIMTULA MOHAMED SAYANI, THE HON'BLE MR., M.A., LL.B. *R* (B Ward)
RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London). *R* (D Ward)
RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B. *U*
ROUGHTON, G. W., Esq. *C C*
SELBY, H. O., MAJOR, R.E. *R* (E Ward)
SHIVAJI DHURMAJI, Esq. *R* (E Ward)
TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq. *R* (C Ward)
TRIBHOWANDAS VARJIWANDAS, Esq. *R* (C Ward)
UNDERWOOD, E. F., Esq., B.A., M.D. *R* (A Ward)
VANDRAWUNDAS PURSHOTUMDAS, Esq. *R* (B Ward)
VASUDEO J. KIRTIKAR, RAO SAHEB. *R* (C Ward)
VIEGAS, ACCACIO GABRIEL, Esq., L. M. & S. *R* (B Ward)
WALSHE, W. P., CAPTAIN. *J*

NOTE.—The letters against the names signify—*R*, that the member was elected by the Ratepayers; *J*, by the Bench of Justices; *C C*, by the Chamber of Commerce; *U*, by the University of Bombay; and *G*, appointed by Government.

The letters *A*, B, C, D, E, F and G show the particular Wards for which members were elected by Ratepayers.

STANDING COMMITTEE.

As Existing, 31st March 1890.

BLANEY, THOMAS, Esq., *Chairman.* *C*
CARROLL, E. B., Esq., M.I.C.E. *G*
COWASJEE HORMUSJEE, Esq., C.G.M.C. *C*
DOSABHAI FRAMJI, Esq., C.S.I. *C*
FAZULBHOY VISRAM, Esq. *G*
JAVERILAL UMIASHANKAR YAJNIK, THE HON'BLE MR. *C*
KAIKHOSRO N. KABRAJI, Esq. *C*
K. M. SHROFF, Esq. *C*
MEREWETHER, G. L. C., COLONEL R.E. *G*
MULJI BHAWANIDAS BARBHAYA, Esq. *G*
MUNCHERJEE NOWROJEE BANAJEE, Esq. *C*
SELBY, H. O., MAJOR. *C*

NOTE.—The letters against the names signify—*C*, that the member was elected by the Municipal Corporation; and *G*, appointed by Government.

PRINCIPAL OFFICERS OF THE CORPORATION.

E. C. K. OLLIVANT, C.S., C.I.E., Municipal Commissioner for the City of Bombay.

RIENZI G. WALTON, M.I.C.E., EXECUTIVE ENGINEER.
SURGEON-MAJOR T. S. WEIR, L.R.C.S.I., L.K. & Q.C.P.I., HEALTH OFFICER.
R. P. BRUNTON, ASSESSOR AND COLLECTOR.
SORABJI NAVAROJI COOPER, CHIEF ACCOUNTANT.
JAMES W. SMITH, M.I.C.E., DEPUTY EXECUTIVE ENGINEER, DRAINAGE WORKS.
J. LEASK, ASSISTANT HEALTH OFFICER.
S. TOMLINSON, ASSOC. M.I.C.E., DEPUTY EXECUTIVE ENGINEER, WATER WORKS.
J. J. B. BENSON, ASSISTANT EXECUTIVE ENGINEER.
P. C. HIGGINS, SUPERINTENDENT OF MARKETS AND SLAUGHTER HOUSES.
DOUGLAS BENNETT, TOWN DUTY REFUND OFFICER.
W. PEARSON, ASSISTANT TO THE COMMISSIONER.
RAO BAHADUR VIRPRASAD TAPIPRASAD, SPECIAL ASSISTANT TO THE COMMISSIONER.
MANECKSHA COWASHA, ASSISTANT ACCOUNTANT.
PHEROZESHAH RUSTOMJEE, ASSISTANT ASSESSOR AND COLLECTOR.
PURSHOTUM GUNGADHAR, ASSISTANT ASSESSOR AND COLLECTOR.
W. C. ROWE, SUPERINTENDENT, WORKSHOPS.
G. CARSTENSEN, SUPERINTENDENT, MUNICIPAL GARDENS.
W. CLERKE, B.A., M.I.C.E., EXECUTIVE ENGINEER, TANSA WATER WORKS.
T. C. H. WHITE, C.E., DEPUTY EXECUTIVE ENGINEER, TANSA WORKS.

ARDASEER FRAMJEE MOOS,
NANABHAI RASTAMJI RANINA, } *Auditors.*

H. WYNFORD BARROW,
Municipal Secretary.

BOMBAY MUNICIPAL CORPORATION OFFICE,
April 1890.

JOINT SCHOOLS' COMMITTEE.

THOMAS BLANEY, Esq., CHAIRMAN.

Elected by the Corporation.
ABDALLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.
KAIKHOSRO N. KABRAJI, Esq.
KASHINATH T. TELANG, THE HON. JUSTICE, C.I.E.

Appointed by Government.
GHANASHAM NILKANTH NATKARNI, Esq., LL.B.
GEARY, GRATTAN, Esq.
NOWROJEE NASARWANJEE WADIA, Esq.
VIRAJRAO SANTOKRAI DESAI, RAO SAHEB, B.A.

VICTORIA TECHNICAL INSTITUTE.

Representatives of the Corporation on the Board of Management.

BLANEY, THOMAS, Esq.
MUNCHERJEE COWASJEE MURZBAN, KHAN BAHADUR, ASSOC. M.I.C.E.
SELBY, MAJOR H. O., R.E.

INDEX.

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committees.
ABDALLA M. DHARAMSI, Mr., *see* "Preface," "Corporation" and "Standing Committee."		
Appointed on Committees	13, 159, 332	
" on Joint Schools' Committee	148	
ADDRESSES, *see* "Prince Albert Victor of Wales, H. R. H.," "the Duke of Connaught, H. R. H.," "Lord Harris," and "Lord Reay."		
ALSTON, J. S., Mr., *see* "Preface."		
Appointed on Committees	36, 114, 159, 161	
Temporary absence of	284	
AMIRUDIN TYABJI, Mr., *see* "Preface."		
Appointed on Committees	159, 332	
"ANANDI," a pamphlet	.....	279
ANONYMOUS Letters, not to be take notice of	.....	247
ARDASEER FRAMJEE MOOS, Mr., *see* "Auditors."		
ARNOTT, J., Surgeon-Major, *see* "Preface."		
Appointed on Committee	13	
ASSESSMENT AND COLLECTION—		
BUDGET GRANT for 1889-90	227	358, 359
SCHEDULE OF ESTABLISHMENT	353	323, 325, 326
Acting allowances	72, 116, 189	104, 145, 223, 478
Stamps receipts—Grant for	.....	453
Assistant Assessor—additional, sanctioned	353	325
Registrar and Accountant, pay of—increased	353	325
Assessment return (quarterly) of new properties	108, 268	
Clerk, extra, employed	.....	473
COMPLAINTS, various, regarding assessments, seizures, &c.—		
Bhendi Bazar Road	.....	178
Duncan Road	.....	194, 475
Kamathipura 12th Street	.....	314
CONTINGENCIES—Extra grant for	.....	475

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
ASSESSMENT AND COLLECTION—*contd.*		
Government Properties—Appointment of Mr. F. W. Stevens, C.I.E., to fix rateable value of	107	
Suits for recovery of rates, &c.	.....	135, 170, 171, 177, 195, 244, 313, 433, 443, 466
Taxes, Water and Halalkhor, levy of, in respect of godowns and places where service is not rendered, objected to	.....	20, 21, 100, 245, 381, 388, 441, 454, 469, 475, 477
Transfer in assessment book of property at—Old Nagpada Street.	.....	105, 119, 283, 314, 468
Lohar Chawl, Mahim.	.....	467, 477
AUDIT OF WEEKLY Statement of Accounts.	.....	48, 96, 105, 132, 159, 194, 221, 282, 391, 409, 434, 469
Establishment for different Loan Works.....	241	371
Three members of the Standing Committee appointed to conduct weekly Audit	.....	17
AUDITORS—Allowances to, for 1890-91	230, 306	368
Election of	157, 306	
Report of, on accounts of 1888-89.....	.....	121
Annual Report for 1888-89	171, 173	219
AUDIT, REVENUE AND REFUND AUDIT OFFICER and Establishment (new appointments, sanctioned by the Corporation as proposed by the Municipal Commissioner).....	227, 353	327, 329
BANDORA—Question of levy of toll on meat vans by Bandora Municipality, *see* "Markets and Slaughter Houses."		
BANDORA SLAUGHTER HOUSES, *see* "Markets."		
BARROW, H. W., Mr., *see* "Preface" "Corporation" and "Standing Committee."		
BHALCHUNDRA KRISHNA BHATAVADEKAR, Mr., L.M., *see* "Preface."		
Appointed on Committees	114, 161, 193 225, 300	
BHANDARWADA Reservoir ("John Hay Grant"), *see* "Water Works."		

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
BIRTHS AND DEATHS, *see* "Registration."		
BLANEY, THOMAS, Mr., *see* "Preface."		
Vote of thanks to	39	
Appointed on Committees	3, 11, 12, 13, 111, 114, 159, 161, 296, 320	92, 211, 279
„ Chairman of the Joint Schools' Committee	177	
„ Chairman of the Standing Committee	.....	244
Retired by rotation from Standing Committee	.....	437
Vote of thanks to	.....	478
BOMBAY, future extension of City—		
Government Resolution on Report of Committee	242, 252, 289	417
Burial Places, *see* "Burning and Burying Grounds."		
Bandora Slaughter Houses—Removal of, to Matunga	.....	434
Loans, Municipal, for Works, &c.	289	
Pinjrapol, Removal of	.....	424
Overbridges	252	
BOMONJEE PESTONJEE MASTER, Mr., *see* "Preface."		
BRUNTON, Mr., Assessor and Collector, *see* "Preface."		
Appointed scrutineer at an election by the Corporation	2	
BUTCHERS—Unlicensed	.....	365
BUDGET, *see* "Financial."		
BUILDING APPLICATIONS and Cases, *see* "Land."		
BULLOCKS, *see* "Financial," "Land (Roads)," "Health Department" and "Markets."		
BURNING AND BURYING GROUNDS, &c.—		
Budget Grant for 1890-91	232	366, 367
Schedule of Establishment	232, 353	348
CHINESE BURIAL GROUND (new) Antop Hill.	.....	92, 93
CLOSING of Burying grounds. Committee appointed to consider and report on question	158, 159, 293, 295	
CREMATION, firewood for	.....	130, 447
Hearse Horses, grant for feed of	.....	475

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
BURNING AND BURYING GROUNDS, &c.—*contd.*		
MAHOMEDAN BURYING GROUNDS—Petition from Mahomedans against removal of their cemeteries	293	396
Paupers—Interment of	43	2, 18, 51
SEWRI CEMETERY, filling in of rocky and unusable parts of Roman Catholic portion of	323	423, 425
Water-supply, extra grant for	.....	472
BYRAMJI NUSSERWANJI SERVAI, Mr., *see* "Preface."		
Appointed on Committee	12	
BY-LAWS, *see* "Education."		
BYCULLA OVERBRIDGE, *see* "Land."		
CASH BALANCE, opening, *see* "Financial."		
CARROLL, E. B., Mr., *see* "Preface."		
Appointed on Committees	11, 36, 111, 159, 161, 225	16, 92, 279
CEMENT, PORTLAND, advances for payment of	48	57
CHAIRMAN of the Standing Committee, *see* "Standing Committee."		
CHIEF ACCOUNTANT'S Department—Budget Grant for 1890-91	227	358
SCHEDULE OF ESTABLISHMENT	353	319, 320, 321, 322
Contingent Charges—Clothing for peons	.....	358
Inspector of Stores	343, 348, 352 353	
CHOLERA, *see* "Hospitals."		
CLOCKS, contract for winding of	.....	280
COAL and Coke, supply of, *see* "Drainage," "Outfall," and "Roads."		
COMMISSIONER, Municipal, *see* "Municipal Commissioner."		
COMPASSIONATE Allowances, *see* "Pensions."		
CONNEMARA, H. E. Lord, Governor of Madras. Permission granted for temporary occupancy, Apollo Bandar, for reception of, on landing of, on payment of fees.	.....	246
CONTRACT. Period of completion when exceeded, to be reported forthwith	.....	403
CONNAUGHT, THE DUKE OF, His Royal Highness, Farewell Address to	306, 326	468
Reply of H. R. H.	327, 328	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
CONVEYANCE ALLOWANCES, *see* "Officers" and "Servants."		
CORNFORTH, J. P., Mr., *see* "Preface" and "Corporation."		
CORPORATION AND STANDING COMMITTEE—		
BUDGET GRANT for 1890-91	226	357
ACTING ALLOWANCE	48	
CONTINGENCIES. Extra grant for, including Printing and Stationery	324	357, 433
CLOTHING for Peons	.....	357
OFFICE MANAGER, Mr. Byramjee D. Banajee appointed as	.....	14, 61, 357, 477
CLERKS, appointments, &c.	49	14, 145, 157
HAVILDAR AND PEONS	.....	146, 449
Useless and obsolete papers—The Secretary authorized to destroy or sell	.....	145
CORPORATION, President of, chain and badge of office for, proposed	39	46, 58
PRESIDENT of, retiring—The Hon'ble Mr. Rahimtula Mohamed Sayani, vote of thanks to	2	
Mr. Grattan Geary elected as	2	
" MEMBERS—		
Appointment of—		
Mr. Amirudin Tyabji	62	
Mr. Anandrao Narayan Vasudeo	73	
Mr. J. P. Cornforth	283	
Mr. Darashah Ratanji Chichgar	158	
Mr. Eknath Raghunath Khote	73	
Mr. Elappa Balaram	283	
Mr. Goverdhundas Gokuldas Tejpal	163	
Mr. Goverdhundas Khatao Makunji	330	
Surgeon-Major G. A. Maconachie	163	
Mr. Manekshah Jehanghirshah Taleyarkhan	142	
Captain W. P. Walshe	73	
Resignation of—		
Surgeon-Major J. Arnott	119, 142, 163	
Mr. H. C. Burder	188, 283	
Mr. Hormusjee Dadabhoy	158	
Mr. Jalbhai Ardesir Sett	163	
Mr. Jewanji Jamshedji Modi	73, 142	
Mr. Mahomed Hussein Hakim	62	
Sir Henry Morland, Kt.	30, 38	
Mr. Nanabhoy B. Jeejeebhoy	194, 283	
Mr. Narotam Gordhandas	302, 330	
Lieut.-Col. A. B. Portman	34, 73	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
CORPORATION MEMBERS—*contd.*		
Deaths of—		
DeSouza, P. C., Mr.—Resolution of the Corporation, expressive of deep regret at.	33, 73	
Vishvanath Narayan Mandlik, C.S.I., Rao Saheb—Resolution of the Corporation, expressive of deep regret on the death of..	33, 73	
DISQUALIFICATION, temporary or otherwise, of Members on account of absence from meetings	114,284,310	
MEETINGS—		
Attendance of Members at	1,13, 15, 17, 20, 23, 29, 32, 33, 37, 40, 47, 52, 62, 67, 71, 77, 81, 90, 101, 110, 112, 115, 141, 154, 156, 157, 163, 170, 181, 182, 185, 188, 193, 209, 210, 212, 213, 214, 216, 219, 225, 226, 231, 241, 252, 254, 275, 282, 287, 297, 298, 300, 302, 304, 307, 310, 315, 321, 326, 329, 335, 354, 355	
Attendance for presentation of Addresses ...	182,326,355	
" at laying Foundation Stone.....	354	
" of Members at, and number of meetings held during 1888-89, returns of	3, 6	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
CORPORATION MEETINGS—*contd.*		
MEETINGS called, but not held for want of quorum, &c.	275	
" urgent business under Section 36 (*l*)	23, 115	
Divisions at	26, 216	
Points of order raised in, and rules of procedure	14,16,19,24, 28,41,46,89, 152, 154, 160, 163, 172, 173, 192, 196, 211, 212, 224, 226, 265, 300, 303, 314,	
COMMITTEES of—	323	
Re Addresses, preparation of, to H. R. H. Prince Albert Victor of Wales	141	
" " H. R. H. the Duke of Connaught	306	
" " Lord Harris	320	
" " Lord Reay	331	
" New offices proposed to be created as per schedule of establishment and proposed increases of existing appointments as per Budget for 1890-91	224, 225	
" Building By-laws	114	
" Bullocks of the Health Department, mortality amongst	11	
" Burial places	159	
" Fever, mortality from	193	
" Flat nuisances	161	
" Fire Brigade	11, 34	
" Indian Railways Bill, Sections *re* overbridges and assessment of railway property	111	
" Land for submerged area of Pawai Lake	296	
" Loan and Loan Funds. Drawing up of a representation to Government	111	
" Public Lighting	36	
" Roads and Streets improvement	12, 34	
" Rules and Regulations at Meetings of the Corporation, revision of	12, 13, 34	
" Saving life in time of epidemic	13	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
CORPORATION COMMITTEES—*contd.*		
STANDING COMMITTEE—Chairman of the—		
Mr. Dosabhai Framjee, elected as	.....	16
" " resigned	.....	243, 244
" " votes of thanks to	.....	244
Mr. Javerilal U. Yajnik, proposed as	.....	16
Mr. Thomas Blaney, elected as	.....	243, 244
" " Chairman of, retiring, vote of thanks to	.....	478
Omission from Government Notification (regarding the reception of H. R. H. Prince Albert Victor of Wales, K.G.) of name of Chairman	.....	279, 281, 282, 384
Members, election and appointment of—		
Messrs. Dosabhai Framji; Thomas Blaney; E. B. Carroll; Cowasjee Hormusjee; Fazalbhoy Visram; Javerilal U. Yajnik; Kaikhosro N. Kabraji; K. M. Shroff; Col. G. L. C. Merewether; Capt. Sir Henry Morland, Kt.; Messrs. Mulji Bhawanidas Barbhaya and Muncherjee Nowrojee Banajee	3	16
Mr. Abdalla M. Dharamsi	305	
Surgeon-Major J. Arnott, proposed as Member of Committee	38	
Major H. O. Selby, elected as	38	
Mr. Cowasjee Hormusjee, re-elected	305	
Mr. Hurkisondas Narotumdas, elected	305	
Col. G. L. C. Merewether, re-appointed	.....	458
Captain Sir Henry Morland, elected	305	
Mr. Mulji Bhowanidas Barbhaya, re-appointed	.....	458
Members of, to retire by rotation. Rules for.	.....	437
Members retired—		
Messrs. Thomas Blaney; Cowasjee Hormusjee; Kaikhosro N. Kabraji; K. M. Shroff; Col. G. L. C. Merewether; Mr. Mulji B. Barbhaya	.....	437
Report of members retired	304	
Members, resignation of—		
Sir Henry Morland, Kt.	38	61
Petitions or letters relating to matters in which the Commissioner is vested with entire executive authority, to be sent to the Commissioner for disposal	.....	42
Fees for attendance, member declines to accept	.....	53

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
CORPORATION COMMITTEES—*contd.*		
STANDING COMMITTEE—*contd.*		
MEETINGS—		
Minutes of, objected to and varied	.....	175
Attendance of members at meetings and number of meetings held 1888-89	7, 8	
Attendance of members at—1889-90.....	.....	1, 16, 22, 26, 38, 39, 54, 61, 78, 87, 90, 97, 101, 106, 113, 117, 122, 129, 134, 142, 150, 158, 163, 175, 180, 184, 193, 203, 214, 220, 243, 247, 249, 260, 280, 300, 302, 307, 318, 334, 351, 357, 372, 385, 390, 396, 401, 406, 411, 419, 429, 437, 444, 449, 456, 458, 472
Standing Committee—*Division List*	.....	302
Sub-Committees—		
Finance—Appointment of—postponed	.....	17
Works—Appointment of—postponed.....	.....	17
Audit—Appointed	.....	17
Committee *re* taking up of land for extension of Crawford Markets and for erection of Fire Brigade Station	.....	91
,, to consider and decide which appendices to the reports of Heads of Departments shall be printed and attached to the Annual Administration Report.	.....	211
,, to consider the question of water supply	.....	279
MEETINGS—Points of order raised.....	.....	325, 358, 422
Reporters for the public press asked to withdraw	.....	283
Committee express disapproval of the fact that certain of their confidential proceedings appeared in a newspaper.....	.....	283

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
CORPORATION COMMITTEES—*contd.*		
STANDING COMMITTEE—*contd.*		
MEETINGS—*contd.*		
SECRETARY, Municipal, authorized to sign cheques for expenditure not separately provided for in the Budget for 1889-90, as advances to be subsequently adjusted against Budget grants or by cash recoveries	48	
Sanction to a transfer by circular	.....	101
The Secretary authorized to employ substitutes for clerks and peons whenever necessary, and to prescribe duties of clerks and servants in his office	.....	146
COTTON, G., Mr., *see* "Preface."		
Appointed on Committees	11, 36, 111, 159	
COWASJEE HORMUSJEE, Mr., *see* "Preface," "Corporation" and "Standing Committee."		
Appointed on Committees	3, 12, 13, 111, 300, 306, 320	279
Retired by rotation and re-elected	305	437
DAMODAR THAKERSY MULJI, Mr., *see* "Preface."		
Appointed on Committee	36	
Temporary absence of	114, 115	
DEAF-MUTES, School for, *see* "Education."		
DEBT, Municipal, *see* "Financial."		
DESOUZA, P. C., Mr., *see* "Preface."		
Death of	33, 73	
DHOBIWADA, Mahalakshmi—		
Budget estimates of receipts from, and expenditure for 1890-91	222, 232	356, 366, 367
Schedule of Establishment for	232, 353	347
Water-supply, extra grant for	.....	472
DINSHAW EDULJI WACHA, *see* "Preface."		
Appointed on Committees	111, 193, 225	
DISCRETIONAL CONTINGENCIES, grant for 1890-91	230	368
The Commissioner states there is no objection whatever to members being furnished with details of expenditure on this head	.....	368
DISINFECTANTS, *see* "Health Department."		

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
DOSABHAI FRAMJI, Mr., C.S.I., Chairman, Standing Committee, *see* "Standing Committee" and "Corporation."		
Appointed on Committees	3,11,47,79, 306,320	
Vote of thanks to	.....	15, 244
DRAINAGE AND SEWERAGE, INCLUDING LATRINES AND URINALS, &c.—		
DRAINAGE, Mr. Baldwin Latham's services engaged to report on, *see* "FLATS."		
BUDGET Grant for 1890-91	231	361
Schedule of Establishment	231, 353	342
Grants charged to Loans	264	266
ESTABLISHMENT (Inspectional) charged to Loan Accounts	.....	264, 266
LAPSED Grant renewed	.....	234
Deputy Executive Engineer, pay increased.	353	342
CEMENT, tender for, accepted	.....	57, 386, 420
Flushing of drains	239, 241	369
Miscellaneous drains, new, grant for	235	369
PIPES, Drainage, value written off, *see* "Financial."		
PLANS of drainage, constructed, under construction, &c.	.....	258
ROAD OPENING, &c., for drainage	.....	363
SET-OFF PIECES for 1st portion of drainage system	.....	36
Drainage, Stores inspector and clerks	.....	319, 322
VENTILATING SHAFTS for 1st Drainage Section, tender accepted	109, 110	151
Agripada, nuisance from drain at	235, 236	225, 369
Argyll Road, ovoid sewer, construction of, at	239	371
Bangudwadi, Girgam, complaint as to cleaning out of drain at	.....	174
Belvedere Road, construction of masonry side drain at	236	370
Bomanji Lane, Fort (claim for alleged drainage to a property at)	.....	245, 381
Borbhat Lane	31,40,41,50, 175	
Carroll Road, pipe sewer and flushing chamber, construction of, at	236	370
Chowpati Road, drain through land of adjoining owner	.....	460
Colaba Causeway, want of drainage at	71, 109, 181	81, 124
Scheme for drainage asked for	109	

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
DRAINAGE AND SEWERAGE, &c.—*contd.*		
Colaba, night-soil discharged in harbour at—communication from the Commissioner awaited	.....	361
DeLisle Road, drain through land of adjoining owner	.....	98, 103, 108, 114
Falkland Road Cross Lane, drain through land of adjoining owner	.....	145, 153
Frere Road, ventilating shafts, manholes	189	248
Extra grant for	.....	248
Fort Market, drain for	237	
Fort sewerage work, lapsed grant renewed	.....	234
Girgam Back Road, drain through land of adjoining owner	.....	250, 260, 280, 304, 307, 308, 372
Khetwadi Main Road, drain through land of adjoinining owner	.....	176, 182
„ 11th Lane „ „	.....	176, 182
Queen's Road intercepting sewers.—Lapsed grant renewed	.....	234
Queen's Road and Girgam Drainage Works, Messrs. Bulkey & Co., deductions for work done, invested	.....	389
Ripon Road	236	369
Shaik Memon Street, drain through land of adjoining owner	.....	250, 260
HOUSE CONNECTIONS—		
First Drainage Section, house sullage connection	239	371
Agripada „ „	240	371
Queen's Road „ „	240	371
OUTFALLS AND PUMPING STATIONS, NIGHT-SOIL DEPOTS, URINALS, &c.—		
Carnac Bunder—Budget Grant for	231	361
Schedule of establishment.	231, 353	341
Colaba outfall, proposed removal of	.....	259, 361
DELISLE ROAD DEPOT (new), land for	284, 311	311, 404, 406, 441
Mody Bay, land for	194	313, 364
Love Grove—Budget Grant for	231	361
Schedule of Establishment	231	441
Contingencies and Stores, extra grant for	49	
Labour, extra	189	223
Latrine, erection of, at	236	370
Machinery, supplemental	171	212, 213
„ special repairs of	233	369
Water-supply, extra grant for	.....	472

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
DRAINAGE AND SEWERAGE, &c.—*contd.*		
LATRINES AND URINALS—		
Grant for 1890-91	236	369
Lighting of, grant for	284	407
Latrines, new, erection of, at—		
Bandora Slaughter Houses	237	370
Bori Bunder Stables	236	370
Love Grove Pumping Station	236	370
Sonapur, repairs of	266	374
Workshops Store Yard, addition to	236	369
Urinals, inscription boards for	236	370
Urinals, new, erection of, at—		
Argyll Road	237	370
Frere Road	237	370
Grant Road	236	370
Khoja Street	236	370
Musjid Bridge Road	237	370
SURFACE DRAINAGE, ordinary labour grant for	232	363
" in various parts of Bombay, tender for construction of, accepted	.....	477
SURFACE DRAINAGE WORKS chargeable to Current Revenue—		
Babula Tank Road	235	369
Bapty Road	235	369
Bellasis Bridge	235	369
Bellasis Road, flushing of drain at	235	369
" Junction Road	235	369
Bhuleshwar, alteration of arch over drain at	233	369
Carroll Road	.....	370
Clerk Road	235	369
Elphinstone Bridge	235	369
Foras Road	235	369
Forjett Road	235	369
Gamdevi Road	235	369
Gilder Street	235	369
Hornby Road	235	369
Kavasji Patel Tank Road	235	369
Khetwadi Back Road—water entrances	235	369
Mayo Road	235	369
Nagpada Tank Road	235	369
Nowroji Hill	235	369
Sewri Fort Road	.....	193
Parel Road, flushing of drain at	63, 235	83, 369
Queen's Road	235	369
Rampart Road	235	369
Tardeo Road	235	369
Thakurdwar Road	235	369
STORES at Bellasis Bridge Road, pay of Inspector	63	83

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
DUXBURY, J. R., Mr., *see* "Preface."		
Appointed on Committees	11, 12, 36, 111, 225	
EDUCATION—		
Budget Grant for 1890-91, including Joint Schools' Committee, School for Deaf-mutes, Victoria Jubilee Technical Institute, Veterinary College, Medical Females' Scholarships, &c.	229	367
Joint Schools' Committee—		
Arrangements of 1888-89 continued, so that the old system and payments might go on in all respects until the new one was ready to take its place, sanctioned	14	
By-laws of	53, 61, 168, 189, 190, 275, 282	
Budget Grant for 1890-91	191, 229	367
Accounts to be audited by the Municipal Auditors	81	"
Annual Grant paid over to the Committee	.....	80
Transfer to the Municipality of Presidency Educational Fund. Government Resolution on the question of	148, 149	"
Consideration of, postponed until full proposals of Government have been communicated to the Corporation	150	
Government letter *re* Committee's By-laws	164	
Accountant-General's letter on ditto	167	
Proposal to make changes in By-laws, and to authorise the Committee to take over existing schools with furniture, &c., &c.	168	
The Committee asked for views generally on points noticed by Government and Accountant-General	169	
Letter from the Committee expressing their views *re* By-laws	189	
Changes in By-laws accepted by the Corporation	190	
The Committee authorised to take over existing Primary Schools in Bombay, with their furniture, current Budget, balance of Presidency Fund, &c.	191	"
The Corporation accepts possible liability for any deficit in Presidency Local Fund, Pension Fund	191	

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
EDUCATION—*contd.*		
JOINT SCHOOLS' COMMITTEE—*contd.*		
The Committee accept transfer of Government Primary Schools of Bombay on conditions	318, 319	
Supplementary Budget for 1890-91	.....	475
MEMBERS OF, APPOINTMENT, &c.—		
Chairman Mr. T. Blaney re-elected as	177	
Abdalla M. Dharamsey re-elected as a member	148	
Mr. N. B. Masani appointed Secretary	19	
Establishment, furniture, &c.	18, 19	
Pensions to officers under the Committee.	191	
ELECTIONS, MUNICIPAL—		
Budget and extra grants for	72, 230	99, 100, 368, 374, 453
Voters' Lists, printing of	311	440
" price of	.....	218, 371
ESPLANADE LEASES, *see* "Municipal Office building."		
EXECUTIVE ENGINEER'S DEPT.—		
BUDGET GRANT for 1890-91	228, 231	360, 361, 362
ACTING Allowances	63	65
CONTINGENCIES	49, 284, 323	407, 433
SCHEDULE of appointments and increases	231, 353	341
ESTABLISHMENT, Commissioner asked whether it is not undermanned	.....	7, 351
EXECUTIVE ENGINEER, Mr. Rienzi Walton, leave of absence to	.....	93
Mr. James W. Smith, Acting Executive Engineer	63	86
Appointed to act on a Government Committee	151	
Deputy Executive Engineer, Water Works, Mr. Tomlinson	.....	85
Resident Engineer, Tansa, Mr. Hawkes, charge allowance to	72	104
Death of	.....	436, 442
FAZULBHOY VISRAM, Mr., *see* "Preface."		
Appointed on Committees	12, 159	16, 92
FERNANDEZ, J. F., Mr., *see* "Preface."		
Appointed on Committees	12, 296	
FEVER, mortality from	173, 192, 193	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
FINANCIAL, including ordinary Income and Expenditure, Loans and Loan Charges, sales of Municipal property, writing off of ditto, including live and dead stock)—		
Return of available balance and nature of its investment, amount due to current cash account for advances made to Loan account pending raising of loans, &c., &c.	82, 83, 191	
Return of balances due to the Secretary of State for India and to the Municipal Security-holders on 31st December 1888 on account of loans raised from time to time	316, 317	
BUDGET ESTIMATES for 1890-91	213	334, 351
Proposal to consider Budget Estimates before Schedule, negatived	.....	325
Commissioner's remarks on estimates	.....	352
Proposal to refer back to the Standing Committee, negatived	213	
Estimates of income considered first	217	
Expenditure, proposal to consider first, negatived	.....	351
„ Total, sanctioned, subject to further sanction to expenditure on account of new appointments as per schedule	223,237,238	" 368, 370
SCHEDULE of new appointments and increase of certain existing appointments	.....	283, 305, 314, 319, 352
„ considered by Corporation and reported on	217,224,225 335, 345	
Detailed information asked, regarding strength, &c., of each department	.....	300,306,383, 385
General Tax for 1890-91, including Fire Brigade charges	217	354
Schedule sanctioned as originally prepared by the Commissioner	345, 354	
Proposal to refer back Budget Estimates to Standing Committee, on ground of "concealing deficit," negatived	213	
Debt, Municipal Sinking Fund, and interest on grant for 1890-91	228, 237	367
Income and Cash Balance	217, 223	" 356
„ increase in, quarterly returns of Assessment	108,267,270	
„ and expenditure and additional grants sanctioned, quarterly returns of	.....	72, 76, 139, 142, 252, 413
Advances for works, &c., to be adjusted	48	
Conveyance allowances, question of	.....	89

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
FINANCIAL—*contd.*		
Budget—Lapsed grants for 1888-89	.....	32, 225, 235, 236
Transfers tabulated form of adopted	45, 121, 122	
„ Of over Rs. 500. Previous decision of the Corporation, to be asked ...	285	
Wards—Proposal to have the accounts kept, showing the revenue and expenditure in each ward	111	
Loans.—Whole question of system referred for report with view to extension of period of Loans	111, 289, 325	
Counsel's opinion as to existing borrowing powers of the Corporation.....	.....	148, 182
Loans and Loan Charges—		
Budget Grants, 1890-91	238	370
Expenditure on Loan Account up to 31st March 1889.....	.....	263, 276
Estimates of income and expenditure (Loan Account)	238, 239	371
Debenture Bonds, sealing of	.....	27, 56, 103, 109, 143, 176, 181, 216, 221, 371, 373, 385, 390, 397, 403, 406, 412, 430, 443, 459
„ bond, loss of: re-issue of duplicate, on conditions	.....	139
Investments of Loans and Reserve Funds, Returns of	.....	194, 203, 208, 303
Investments of Loans and Reserve Fund—		
Budget Estimates of Income from Interest on Sinking and Insurance Funds. Budget Estimate of Income from Interest on ...	223, 237	356, 370
Transfers from Loan Accounts to General Fund and *vice versa*.....	.....	1, 17, 26, 55, 62, 79, 90, 97, 101, 102, 107, 114, 118, 127, 129, 134, 142, 150, 163, 176, 180, 203, 249, 260, 372, 397, 401, 406, 412, 419, 420, 429, 439, 444, 449, 456, 458

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
FINANCIAL—*contd.*		
Loans, &c.—*contd.*		
Monthly amount of transfers increased	.....	402, 438, 439, 476
Agripada Drainage Loan	238	379
Building Fund investments, Budget Estimate of Income from Interest on	223,237,238	356, 370
New Loan of Rs. 11,82,000, raising of: also of the question of Loans and Loan works generally	.....	126, 132, 136
Queen's Road Sewerage, &c., Loan.....	238, 239	370
Cost of Establishment.....	239	370
Sanitary Works Loan, extra grant for interest on	49, 238	370
Tansa Water Works Loan—		
Period for repayment of. Despatch from Secretary of State for India, containing decision on memorial from the Corporation on the subject	151, 152	
Estimates of receipts and expenditure, 1890-91	238,239,240	370
Investment of Rs. 25,00,000 of Loan, Government Resolution on	.....	97, 146, 303, 373
The Commissioner recommended to advertise for tenders for amount of loan required during current year.....	.....	127
Brokerage allowed to accepted tenderers of one lakh or above. Minimum rate of tenders, question of, and tenders received	.....	243, 246
Borrowing powers possessed by the Municipality under their Act, 1888, &c.....	.....	148, 182
Rs. 25 lakhs, taken up at premium	.....	281.
Sales, *see* "Land."		
Writing off of Stock, &c.—		
Bullocks	42, 159, 285	20, 195, 391, 464
Forms of building applications, old	68	66
Horse, Fire Brigade	.....	375
Stock and unserviceable stores of different Departments.....	.....	375, 386, 391, 397
„ Drainage and Water Works.....	.....	375
Letter from the Chief Accountant	.....	375, 376
Tax due by the National Fire Insurance Co.	.....	159
„ wheel	.....	171
FIRE BRIGADE—		
Budget Grant for 1890-91.....	217, 228, 254	359, 360
Schedule of Establishment	253	331, 332, 333

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
FIRE BRIGADE—*contd.*		
Acting Allowances	34	46
Bhistees at Fires	.....	463
Contingent Charges	49	
Horse, value of, written off	.....	375
Quarters, rent of	222	356
Re-organization of the Brigade. Report regarding from Committee	11, 292	
Chief of the Brigade, special officer to be appointed for 3 years	254	
Schedule of Establishment (*see* above).		
Police Officers at Fires, compensation to, for damage to clothing at fires, and conveyance charges ditto objected to by a member of the Standing Committee	.....	436
STATIONS—		
Chinchpokli—Land taken up for	.....	428
Colaba—Construction of new, at	.....	359
Fort District—Land for erection of	.....	91
Rent of, increased	285	418
Land at Hornby Road, leasing of	.....	222
Mandvi—Construction of new	.....	359
Mazagon— " " "	.....	359
Sankli Tank Road— " "	74	94, 100, 359
Rent of Municipal quarters	.....	356
" and repairs	.....	359
Stores and appliances, purchase of	.....	281, 305, 359, 372, 390
FIRE INSURANCE Municipal buildings	.....	356
" " COMPANIES—		
Tax due by the National Fire Insurance Company, written off	.....	159
FIRES. Returns of, time at which water is turned on to and supplied at fire to be shown	.....	116
In—		
Agripada	.....	236
Apollo Street (Report from Deputy Executive Engineer, Water Works, relating to the fire thereat)	.....	277, 282, 305, 359
Argyll Road	.....	477
Arthur Road	.....	305, 443, 448
Bapty Road	.....	133
Barbhai Mohla	.....	443
Bhuleshwar Road	.....	418, 426
Broad Street, Fort	.....	435

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
FIRES in—*contd.*		
Chinch Bandar 1st Road	.....	418
Chinchpokli	.....	85
Cleveland Bandar, Warli	.....	448
Colaba (Lower)	.....	53, 106, 113, 126, 150, 426, 477
Coliwada, Sion	.....	314
Cotton Green	.....	314
DeLisle Road	.....	119, 418
Dhakji's Wadi	.....	125
Don Tad Street	.....	455
„ „ Chuckla, detailed information asked as to water-supply at fire	.....	116, 125
Dharavi (Koliwada)	.....	392, 426, 470
Dockyard, H. M.'s	.....	314
Dubboo Street	.....	195
Duncan Road	.....	448, 470
„ „ Cross Lane	.....	22
Elphinstone Road	.....	150, 455
Funuswadi Lane	.....	283
Frere Road	.....	236
Girgam Road	.....	38
Gilder Street	.....	119
Grant Road	.....	78, 113
Haines Road	.....	383
Hansraj Lane (Love Lane)	.....	389
Kalbadavie Road	.....	410
Kamathipura 6th Street	.....	389
„ 9th „	.....	85
Kambala Hill	.....	277
Kazi Mohla, new	.....	435
Khursetji Suklaji Street	.....	443
Khetwadi 1st Lane	.....	392
Kumbarwada 1st Lane	.....	470
Love Lane	.....	283
Mahim Bazar Road	.....	314
„ (Lady Jamsetjee Road)	.....	283
Mandvi (Bardan Guli)	.....	470
Matharpakadi	.....	305
Mathew Road	.....	259
Mazagon	.....	119
Mungesh Senoy Street	.....	59
Nagdevi Street	.....	443
Nagpada, new	.....	443
Nasik Road	.....	85
Nowroji Hill 2nd Street	.....	53
Parel Road	.....	38, 383, 443
„ Tank Road	.....	53, 383

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
FIRES in—*contd.*		
Picket Road	.....	179, 277
Port Trust Estate	.....	53
Pydhowni	.....	383, 410
Ridge Road	.....	426
Ripon Road	.....	399
Sarang Street	.....	455
Sewri	.....	399
Sion (Coliwada)	.....	314
Supari Baug Road	.....	383
Tardeo Road	.....	22, 96, 211, 305
Tindal Street	.....	7
Victoria Road	.....	78
„ Dock (S. S. "Imperator")	.....	305
Wajali, Mahim	.....	161
FLATS, THE—		
Nuisance arising from Surface Drainage Reservoir on the: Committee appointed to consider and report as to the best means of abating the	160, 161	
Preliminary Report of the Committee	174, 175	
The Commissioner authorised to engage an Engineer in England to advise and report on the question of drainage of Bombay	175	319
Latham, Baldwin, Mr., temporarily engaged to advise on the drainage question	195	302, 303, 304, 318, 374
Mr. Latham being asked to meet Standing Committee for discussion of matters connected with drainage, is introduced by the Chairman to the Committee and gives a variety of information	.....	437, 450, 457
States that he has completed his report on the subject, Vote of thanks to Mr. Latham	.....	457
Printing of the report	.....	474
Reclamation of Flats, Budget Grant for 1890-91	232	349, 363
TOWN SWEEPINGS—		
Sweet earth for covering	.....	88,462
Additional land taken for	91,174, 238, 239	101, 132, 215, 367
The Commissioner's proposals as to future disposal of, surveys and detailed estimates, &c.	.....	67, 80, 87
FODDER, tender for supply of, accepted	.....	399, 400, 459
FOOD, Adulteration of, *see* "Ghee."		

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
GARDENS, PUBLIC—		
BUDGET ESTIMATES of expenditure on, and receipts from, for 1890-91	221, 228	355, 360
Schedule of Establishment	353	334, 335, 336
"Petty charges and Stores" to be substituted for "Contingencies" in Budget	.....	360
Extra grants	.....	472
SUPERINTENDENT, Mr. Carstensen (*see* Schedule) pay of, increased	353	335, 336
BAZAAR GATE STREET GARDEN—		
Budget Grant for 1890-91	228	360
Water-supply, extra grant for	.....	473
ELPHINSTONE CIRCLE GARDEN—		
Budget Grant for 1890-91	228	360
FALKLAND ROAD GARDEN—		
Budget Grant for 1890-91	228	360
Water-supply, extra grant for	.....	472
FLATS, GARDENS on the—		
Budget Grant for 1890-91	228	360
Water-supply, extra grant for	.....	473
MAHIM (SIR COWASJEE JEHANGIR)—		
Budget Grant for 1890-91	228	360
MALABAR HILL GARDENS—		
Budget Grant for 1890-91	228	360
NORTHBROOK GARDENS—		
Budget Grant for 1890-91	228	360
VICTORIA GARDENS—		
Budget Grant for 1890-91	228	360
CONTINGENCIES, including flower pots, &c.	.....	43
Fruit, right to collect	.....	244
ACCOUNTS—		
All grants as well as fees for admission, all garden receipts to be credited to garden accounts and expenditure to be debited to such accounts	289	400
Admission of visitors to gardens, charge for, on certain days	68, 69	400, 401
Lease of ground to owner of a musical merry-go-round	.....	400
Improvements of gardens	35, 52	
Proposal of the Commissioner approved by the Corporation	68, 69	
Fee for admission to, on occasion of holding Flower, Horse and Cattle Shows in connection with visit of H. R. H. Prince Albert Victor of Wales	330	
Land taken up for	242	389, 428, 440
and raising of level of, and fencing	237	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
GARDENS, PUBLIC—*contd.*		
VICTORIA GARDENS—*contd.*		
Roads, special repairs and alteration to	234	369
,, new, making of, on site of old quarry hole in	284	390
QUARTERS for staff	237	370
FETE, including Flower, Horse and Cattle Shows in, on occasion of visit of H. R. H. Prince Albert Victor of Wales	176,303,308	252, 422, 446, 450, 451, 452
Water-supply, extra grant for	.....	472
ZOOLOGICAL COLLECTION in, retention of, on improved principles : proposal of the Commissioner regarding, approved	35,52, 68,69	
GAS COMPANY, Committee appointed to consider and report as to means of future lighting, on termination of contract with.	36	
GEARY, GRATTAN, Mr., *see* "Preface."		
Appointed on Committees	13, 47, 79, 141, 306, 320, 332	
GHEE, adulteration of—		
DRAFT BILL forwarded for remarks of the Corporation and approved by them	104,105,106	
GILBERT, REGINALD, Mr., *see* "Preface."		
Appointed on Committees	13, 114	
GOKULDAS TEJPAL HOSPITAL, *see* "Hospitals."		
GOVERNMENT PROPERTIES—		
Appointment of Mr. Stevens to fix rateable value of	107, 162, 180, 210	222
Establishment employed under Mr. F. W. Stevens.....	.....	470, 471
GOVERNMENT required to pay fee for land occupied at Apollo Bunder for putting up flags on the occasion of the landing of H. E. Lord Connemara, Governor of Madras.....	.....	246
GRAIN, supply of.....	.....	400, 456
GRANTS, lapsed, *see* "Financial."		
GRATUITIES, *see* "Pensions."		
GROUND for street improvement, for filling in of, &c., *see* "Land."		
GUBBAY, A. M., Mr., *see* "Preface."		
Appointed on Committees	13,141, 306, 332	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
GUTTERS, *see* "Drainage."		
HACK CONVEYANCES, *see* "Public Land Conveyances."		
HALALKHOR TAX—		
Estimates for 1890-91	220	355, 364
Special service sanctioned	.....	14, 37, 65, 83, 132, 134, 145, 463, 473
Levy of, in respect of buildings where services are not required	220	20, 21, 100, 208, 245, 381, 388, 441, 454, 469, 475, 477
The Commissioner asked to state circumstances under which he will exempt properties from	.....	381
Report of the Commissioner regarding exemption of properties from	.....	474
Consideration of, postponed till the Commissioner is in a position to submit class of cases that should be exempted	.....	474
HARDWARE and petty stores, purchase of, contract for	.....	440
HURKISONDAS NAROTUMTDAS, Mr., *see* "Preface," "Corporation" and "Standing Committee"		
Appointed on Committees	12, 306	
HARRIS, RIGHT HON'BLE LORD, Governor of Bombay. Address of Welcome to	320	468
HAWKES, E. C., Mr., Death of, *see* "Tansa Water Works."		
HAY, supply of, contract for, *see* "Fodder."		
HEALTH DEPARTMENT—		
Budget Grant for 1890-91	228, 232	362, 364, 367
SCHEDULE OF ESTABLISHMENT	228, 232	343, 346
HEALTH OFFICER, Weir, T. S., Surgeon-Major, payment by, to Government, of pension and leave allowance contribution	.....	181, 213, 216
Assistant Health Officer, Mr. J. Leask	.....	363
Biggaries: Report of expenses incurred in connection with strikes of, in 1889	.....	465
Vote of thanks to Health Officer and his Assistants	.....	465
Arrangement regarding recurrence of biggaries' strike	.....	427, 465

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
HEALTH DEPARTMENT—*contd.*		
Bullocks, purchase of	.....	364, 371, 426
Report of Committee appointed to investigate causes of mortality amongst...	11, 43, 45	
Proposal to employ horses for drawing kutchra carts over certain parts of the Flats in lieu of bullocks, negatived.....	155, 156	
Feed of, excess in grant for	48	363, 364
Hospital for, Sankli Tank Road	266	374
Carts, drain and dust-bin, repairs of.....	.....	363
„ night-soil	.....	364
Chawl for Halalkhors in Cursetji Suklaji Street	239, 241	370
Chawl at Bori Bandar, erection of partition wall between	237	370
Cholera, *see* "Hospitals."		
Conservancy Establishment: Report asked as to working of, &c.	80, 81	
Consideration of Health Officer's report on the subject postponed	.....	259, 345, 351
Dead Animals: Removal of, to carcass depôt on the Flats. Hand-carts for ...	236	370
Skinning of, at Kurla. Contract for ...	324	426
Dust-bin Carts in place of fixed boxes	80	364
Dhobiwada, *see* "Dhobiwada."		
Disinfectants, supply of	49	25, 364, 420, 473
Drains road opening, for, *see* "Land" and "Roads."		
Fodder, *see* "Fodder."		
Grain, supply of, *see* "Grain."		
Halalkhors, increase in numbers of, included in "Schedule"	.....	344
Halalkhor Branch, water supply, excess in grant for	.....	472
Latrines, *see* "Drainage."		
Infectious Diseases, *see* "Hospitals."		
Laboratory, Budget Grant for 1890-91 ...	232	366, 367
Medicines, stores, &c.....	48	463, 473
Stables, Bori Bunder Office and Store-rooms at, contract time for completion of, extended.....	.....	36
Privy accommodation for staff at	236	370
Partition, screen and sun-shades for offices at	236	370
For bullocks and quarters for scavengers..	239, 241	370
Tank, conservancy	.....	366, 367
Veterinary Assistant, services of, sanctioned	83	118

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
HORMUSJEE DADABHOY, Mr., *see* "Preface."		
HOSPITALS AND DISPENSARIES—		
BUDGET GRANT for 1890-91	229	368
CHOLERA AND SMALL-POX HOSPITAL. Establishment for.....	229	368
EPIDEMIC HOSPITAL—		
Report of Committee appointed to consider whole question of saving life in times of epidemic	117, 121	
Minutes by Mr. Cowasjee Hormusjee and Surgeon-Major Arnott	119, 121	
Government to be written to, regarding treatment of contagious diseases in Sir J. J. Hospital and Gokuldas Tejpal Hospital in terms of the Committee's recommendations	121	
Government forward copies of letters from the Surgeon-General and other medical officers, showing that the steps proposed by the Corporation cannot be adopted ...	270, 271	
Estimate of cost of maintaining establishment at one of the municipal hospitals	272, 333	
The municipality informed that patients suffering from infectious diseases will not be received in J. J. Hospital after 1st April 1890	297	
The Commissioner asked to report on the question	298	
Report of the Commissioner	332	
Health Officer reports that there has been no question of unpreparedness regarding municipal hospital, but there has been a question of reluctance to incur expense which might not be necessary.....	332	
Epidemic Hospital at Arthur Road, made ready for use	.....	77
Raising level of compound of	234, 323	369, 425
Grant Road Hospital, construction of compound wall and gate of.....	236	370
GOKULDAS TEJPAL HOSPITAL—		
Budget Grant for 1890-91	229	368
Administration Report of, working of, for 1888.....	84, 89	117, 119
Subordinate staff of, application from, to be admitted to Pension Fund, negatived.....	.....	4, 21, 35, 58, 187, 260, 409

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
HOSPITALS AND DISPENSARIES—*contd.*		
SMALL-POX HOSPITAL, Kamathipura, temporary opening of, at	.....	460, 463
INFECTIOUS DISEASES—		
Persons suffering from, conveyance of	.....	366, 367
JAFFER SULIMAN DISPENSARY—		
Budget Grant for 1890-91	229	368
LEPERS, *see* "Leprosy."		
DISPENSARY. Petition for the establishment of, in the neighbourhood of Haines Road, DeLisle Road, Agripada and Parel	.....	467
VETERINARY COLLEGE AND HOSPITAL—		
Budget Grant for	229	367
Nomination of free students	73	
Annual Report of, for 1888-89, and Government Resolution thereon	181	178, 181, 188, 192
IMMIGRATION from Kathiawar and Guzerat.	.....	13
JAMSETJEE JEJEEBHOY, Sir, Bart., C.S.I., *see* "Preface."		
Appointed on Committee	332	
Temporary absence of	114	
JAMSEDJI KHARSEDJI CAMA, Mr., *see* "Preface."		
Appointed on Committee	114	
JAMSHEDJI PALLONJI KAPADIA, Mr., *see* "Preface."		
JALBHOY ARDASIR SETT, Mr., *see* "Preface."		
JAVERILAL U. YAJNIK, The Hon'ble Mr., *see* "Preface," "Corporation" and "Standing Committee."		
Appointed on Committees	3, 11, 111, 141, 159, 225, 320, 332	211, 279
JOINT SCHOOLS' COMMITTEE, *see* "Education."		
KAIKHOSRO N. KABRAJI, Mr., *see* "Preface."		
Appointed on Committees	3, 300, 320	
Retired from Standing Committee by rotation	.....	437
K. M. SHROFF, Mr., *see* Preface" and "Standing Committee."		
Appointed on Committees	3, 11	
Retired by rotation	.....	437
KING, HAROLD R., Mr., *see* "Preface."		
Temporary absence of	284	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
KIRKHAM, T. B., Mr., *see* "Preface."		
Appointed on Committee	13	
Temporary absence of.....	310	
LAND (including buildings and building cases, low-lying land, ground taken for street improvements, land sold or exchanged, &c., overbridges, roads)—		
CULTIVATING LAND, RIGHT TO CUT GRASS, collect fruit and flower, fish in tanks, &c., graze cattle, &c., Arthur Road, Bellasis Bridge, Clerk Road, Dadur, DeLisle Road, Hancock Bridge, Dharavi, Coorla, Gamdevi Road, Haines Road, Love Grove Pumping Station, Warli, Mahaluxmi, Matoonga, Naigam, Pedder Road, Ripon Road, Sion, Vehar Lake, Vehar and Tulsi pipe line, Surface Drainage Reservoir on the Flats, Tardeo reclaimed land, Victoria Gardens drawing water from Mastan Tank and drawing toddy, Tardeo Flats, Worli Road, tenancy of shops at Dhobiwada, Bhandarwada Reservoir, &c.	.....	43, 44, 99, 144, 244, 383, 392, 440, 478
ARCADING OF STREETS. Lists of streets where arcading has not hitherto been allowed, and of those where they are allowed	36, 37	22, 51, 52
BUILDING PLANS—		
Public should be made acquainted with the requirements of the law in reference to building plans.....	.....	129
New—weekly return of, to be furnished to Health Department.....	192	
By-laws. Proposal to adopt the provisions of clauses (*c*) to (*l*) of Section 348 of Municipal Act III of 1888, as for houses newly erected on old sites.....	74, 77, 112, 113, 114	97, 98
Return asked, of houses or portions of houses that have fallen since 1st June 1889, showing locality, street, number, name of owner, &c., &c.	.....	38, 192, 248, 391
Forms of application to build, (old), value written off, *see* "Financial," writing off.		
Form of application to build, advances for payment of	48	
Dharam Chowdi : Application from Mahars for site for erection of, free of charge ...	42	4, 41

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
LAND—*contd.*		
BUILDINGS—*contd.*		
DISAPPROVAL OF PLANS, as position and direction of Streets *likely to be required in the future, have not yet been laid down*—		
Agripada Road	.....	397
Elphinstone Road	.....	195, 196
Fergusson Road	.....	27, 307, 426
Haines Road	.....	456
Matoonga	.....	1, 2, 23, 40, 79
The Commissioner asked to lay down lines of new roads in this locality	.....	79
Purbhadevi Road	.....	102
Ripon Road to Clare Road, proposed 40-ft. road from	.....	457
Ripon Road	.....	143
Rose Cottage Lane, Mazagon	.....	40
Sion Road	.....	102
Wari Bandar to Coppersmith Street, proposed road from	.....	27
BUILDING, CASE & ENCROACHMENT on land—		
Abdool Rahiman Street	.....	173, 180
Agripada	.....	220
Apollo Street	.....	250
Argyll Road	.....	220
Arthur Road, east side	.....	220
Babula Tank Road	.....	114, 193, 418
Bazaar Gate Street	.....	193
Belvedere Road	.....	1
Bangalpura, New	.....	79
Bhaji Pala Street	.....	173, 154, 260
Bhoiwada Road	.....	17
Do. 2nd Street	.....	150
Do. 3rd do.	.....	150
Do. 2nd Row	.....	246, 447, 475
Borah Street, Colaba	.....	150
Cavel Street. No improvement line for, laid down, as street is private	75, 153	100, 177
Chaopati Road	.....	130
Chinch Bandar Road	.....	280
Clare Road	.....	121
Colaba (Manekji Street)	.....	390
Currey Road (Junction with DeLisle Road)	.....	249
Dadur Road	.....	403
Dariasthan Road	.....	150
DeLisle Road (Junction with Currey Road)	.....	249

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LAND—*contd.*		
BUILDING CASES & ENCROACHMENTS, &c.—*contd.*		
DeSouza Cross Lane	.....	26
Dhobi Street	.....	88, 193
Doctor Street	.....	114
Dongri Street	.....	1, 385
Dukarwadi Lane	.....	121
Duncan Road	.....	54, 280, 430
Erskine Road	.....	54
Falkland Road (complaint as to removal of structure at)	.....	439
Fanaswadi Lane	.....	114, 173
Do. 2nd Lane	.....	193
Fergusson Road, suit filed to remove encroachment on Municipal land at	.....	266
Ghellabhoy Dulubdas Street (Ripon Road)	.....	23, 114
Ghorupdev Road	.....	220
Girgam Road	.....	220
Gola Lane	.....	403
Gunbow Street	.....	158
Haines Road, west side	.....	220
Homji Street	.....	158
Hunuman Street, Old	.....	122, 430
Hussein Khan Khalifa Street	.....	114
Imamwada Road	.....	220
Jakeria Bandar Road, Sewri	.....	17, 458
Kala Chowki Road	.....	306
Kamathipura 3rd Street	.....	158
Do. 13th Street	.....	250
Kambekar Street	.....	62
Karelwadi (Thakurdwar Road)	10, 80, 273, 274, 299, 300	
Kazi Syed Street	.....	17
Khara Tank Road	.....	1
Khatewadi Oart, Girgam, protest against erection of privy at	.....	468
Khetwadi Main Road	.....	158, 280
Kika Street	.....	88, 91
Kolbhatwadi	.....	114
Kumbartukda Lane	.....	381
Mahomadan Street	.....	244
Mazagon Road	.....	17, 250
Memonwada	.....	79
Mirza Street	.....	23, 114
Nagpada Street, Old	.....	143
Do. Cross Lane	.....	220
Nepean Sea Road	.....	54, 55, 458

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LAND—*contd.*		
BUILDING CASES & ENCROACHMENTS, &c.—*contd.*		
Nishanpada Road	.....	430
Oomerkhari Road	.....	220, 439
Oondria Street	.....	17
Parel Road (Bhendi Bazaar)	.....	105
Parel Tank Road	.....	158
Pinjrapol Street (suit for an injunction to restrain Municipality from pulling down a property at)	.....	163, 386
Poonah Street	.....	373
Purbadevi Road	.....	121, 122
Pydhowni Road	.....	403
Race Course, Old	.....	307
Ripon Road	.....	114
Samuel Street	.....	150, 250
Sewri, *see* "Jakaria Bandar Road" above.		
Shekodi Lane (encroachment on a public passage in)	.....	242
Supari Baug Road	.....	193
Tantanpura Street	.....	250
Tardeo Road	.....	458
Tembker Street	.....	17
Thakoordwar Road	.....	114
Vithulwadi	.....	173, 174
Walkeshwar Road	.....	425
Wari Bandar	.....	61
LOW-LYING LAND, Filling of, at—		
Arthur Road (filling in of land around Small-pox Hospital)	.....	425
Clerke Road (filling in of Government land at)	.....	468
De Lisle Road (filling in of site of Night-soil Depot at)	284	
(Filling in of Government land at)	.....	468
Elphinstone Road (filling in Municipal land at)	234	369
Purbhadevi Road, Lower Mahim (notice to discontinue removal of sandstone from a property at, and to fill in existing excavations thereat)	.....	188
Tank Bundar Road, fencing of	234	
Umerkhari Road	.....	220
FOOTBRIDGES, *see* "Overbridges."		
FOOTPATHS, Contract for paving of	.....	130, 131
Alteration of name of contractor for	.....	181
Return of Streets to be paved	.....	179

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
LAND—*contd.*		
OVERBRIDGES—		
Byculla Overbridge : Refusal of application for erection of shops on western footpath.	292	401
Falkland Road Overbridge, proposed	73, 319, 320	94, 101, 104
Estimate of cost asked, of additional land required and amount of injury to property and allied charges in connection with construction of	320	
FOOTBRIDGE, proposed on or near site of existing level crossing near Charni Road.	80	
NESBIT ROAD OVERBRIDGE	82	119, 120
ROADS, encroachments on and obstructions of, *see* "Building, &c."		
ROADS AND STREETS, maintenance, &c., of—		
Budget Estimate for 1890-91.....	231	362
Schedule of Establishment	353	342
Contingencies, including Stores, extra grant for	284, 311	408, 441, 473
Divisional Superintendent, additional, sanctioned	353	342
Chief Inspector, pay of, increased.....	353	342
Bullocks and carts, hire of	.....	63, 453
Labour	49, 284, 311	408, 441
Metal, sand, shingle and sandstone	.....	13, 80, 421, 433, 437, 453
Tenderer declines to carry out tender.....	.....	433
Contractors for supply of, 1888-89, claim of, compromised	.....	2
ROAD opening, &c., for drainage	.....	363
ROAD scraping, excess in grant for	49	
ROLLERS, steam	284, 311	130, 158, 362, 408, 441, 473
ROAD WATERING—		
Budget for 1890-91	231	362
By carts, excess in grant for	49	
Water tanks, size of, increased.....	.....	134
Water posts, Persian wheels, repairs of.....	.....	473
Mr. Carroll's question as to watering of roads and Commissioner's explanation ...	.....	184
STREETS, IMPROVEMENT OF—		
BUDGET for 1890-91	231	362
Committee *re* making and widening of streets	12	
Proposals for laying down lines of streets in district in which they are not already laid down.....	32, 52	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LAND—*contd.*		
ROADS AND STREETS—		
PRIVATE STREETS, Service of notices to owners of, to level, metal or pave, &c., at—		
Arthur Road	.....	135, 146, 153, 161
Charniwadi Lane, new	.....	308
Delawriwadi, Banam Hall Lane, Girgam.	.....	154
Field track or road between DeLisle Road and Tulsi pipe line	.....	188
Fofulwadi Lane	.....	217
Ganeshwadi Lane	.....	217
Hanuman Cross Lane	.....	389
Owalwadi Street, near Vithalwadi	.....	247
Parel Road	.....	135, 146, 153, 160, 161
Sonapur Cross Lane (new)	.....	153
AGRIPADA DISTRICT, Staff for making survey for laying out roads in	.....	123, 124
(Old district), laying out of, into streets, including purchase of land for buildings, &c.	35, 238, 239, 241	31, 40, 41, 367
Cavel Street, Standing Committee express opinion that public street should be constructed	.....	178
Colaba, Borah Cross Lane, extension of	286, 287	
" Eduljee street, " "	39	23, 122
" Hamal street " "	39	23, 122
DeLisle Road, Municipal land at, fencing of	.....	65
" making of road across Tulsi pipe line in. Mr. K. D. Dhuru permitted to construct the same on conditions	289, 290	408
Elphinstone Road, filling in of Municipal land on	234	369
Erskine Road, police chowki in	31	25
Hamam Street, extension of	315	
Jakeria Bandar Road to Sewri Cemetery (Golangi Hill Road), making of new street from	312, 314	443, 444
Khara Tank Road to Duncan Road, extension of	325	469
Khursetjee Sooklajee Street. Test suit to be filed for ejectment of squatters from land leased by Government to the Municipality.	.....	31, 32
Kumbharwada Street (Dadur). Petition from inhabitants, asking that street be declared public	.....	22, 106

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
LAND—*contd.*		
ROADS AND STREETS—*contd.*		
Love Lane, Mazagon. Proposed road from, through Rose Cottage Lane to Matharpakadi	169,170, 286	251, 281, 304, 314, 383, 388, 391, 398, 399
Mahim lower to Matunga, *see* "Matunga."		
Matharpakadi, proposed new road, *see* "Love Lane."		
Matunga, new road, sanctioned from Gopi Talao, Lady Jamsetjee Road, to Matunga	238, 287	122, 172
Mingut Madli, bounded on north by Elphinstone Road, on east by Parel Road, on south by Clerk Road; and on west by Haines and Warli Roads: staff for making a survey for laying out roads in	.....	124
Nepean Sea Road, removal of water mains and gas pipes at	.....	121
Port Trust Roads, repairs of	.....	362
Tank Bunder Road, fencing both sides of	234	369
Wari Bundar Road to Gun Powder Road, proposal to lay out road from	66	101, 105
Winter Road to Pawai Road, Major Bisset's suggestion regarding	.....	223, 225
GROUNDS SOLD OR EXCHANGED *for* STREET IMPROVEMENT—		
Carroll Road	.....	134
Chinchpokli Road	324	428
Clare Road	.....	185
Cooper 2nd Street	.....	429
Fergusson Road	35, 66, 116	40, 54, 151
Flats, *see* "Flats."		
Gunbow Street, Fort, sale of surplus land at	82	71, 121, 195, 208
Hornby Road	.....	71, 121, 195, 208
Kala Chowki Road	.....	103
Kamathipura 5th Street	.....	17
Nepean Sea Road	267	384
Parel Road (alteration of name of owner in conveyance)	.....	373
Village (encroachment on a public passage at)	101	130
Ripon Road	.....	185, 439
Stable Street	.....	17
The Question of re-appointment of a Committee to revise rates of lands taken up for street improvement, negatived	.....	97

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LAND—*contd.*		
The Commissioner asked in all future cases, to place on table letters from the Municipal Solicitors, reporting judgments relating to set-backs, &c., given against the Corporation, and in important cases to supply copies of judgments for circulation to the Standing Committee	.....	185
The Commissioner authorized to make an application to the High Court with a view to a settlement of the general principles of valuation of land taken up by the Municipality for street improvement.....	.....	214, 215, 216
GROUNDS TAKEN UP AT—		
Bengalpura Street	.....	152
Bhuleshwar Road, *see* "Markets."		
Bhaji Pala Street (rate increased).....	.....	280
Borah Bazar Street	.....	80
Byculla (Land taken up under Land Acquisition Act from Bombay Education Society's premises at).....	.....	245
Carroll Road	.....	134
Champawadi Lane (rate increased)	.....	440
Charni Road	.....	56
Chikhalwadi Road (Tardeo)	.....	406
Chinch Bandar 1st Row.....	.....	185
Chinchpokli Road	324	428
Chowpati	.....	384, 459
Chukla Cross Lane.....	.....	173
Clerk Road (Land taken up for the deposit of Town Sweepings)	174	214, 215
Colaba (Edulji Street).....	39	23, 122
„ (Hamal Street)	39	23, 122
Cow Lane, Kandewadi (rate increased on appeal)	.....	184
Curry Road (rate increased).....	.....	452
Dadur Road	.....	62
Dariasthan Road (rate increased).....	.....	62, 152, 157
Dhobi Talao 2nd Lane	.....	98
Dhunjee Street	.....	42, 122, 151, 174, 223
Doctor Street	.....	62
Dongri Street (rate increased)	.....	55, 108, 459
Edulji Street, *see* "Colaba" above.		
Falkland Road	.....	173

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LAND—*contd.*		
GROUNDS TAKEN UP AT—*contd.*		
French Road, Chowpati ..	.....	385
Gamdevi Road (rate increased)	.....	250
Girgam Back Road (under Land Acquisition Act)	.....	223
Gunpowder Road	.....	118
Hamal Street, *see* "Colaba" above.		
Hornby Road (land proposed to be taken up for extension of Crawford market and erection of Fire Brigade Station)	.....	91
" Vellard (repayment of claim for land taken up)	.....	55
Jail Road, East	.....	98,
Janjiker Street (Bhandarwada)	.....	115
Kala Chowkey Road	.....	103
Kalbadevi Road	.....	185
Kamathipura 5th Street	.....	17
" 9th Street (rate increased)	.....	397
" 12th Street	.....	18, 314, 426
Kambekar Street (covenant and bond to secure the removal of additions made to a house at)	.....	459
Kazi Syad Street	.....	56
Kika Street	.....	98
Mahim Bazar Road	.....	185
Malabar Hill Road	.....	220
Walkeshwar Road (rate increased)	.....	56, 62, 114, 134, 151, 170, 174, 179, 180, 185, 215
Matharpakhadi Cross Lane	.....	118
" Road	.....	152
" " (compensation for Karanj trees)	.....	176
Memonwada Street (rate increased)	.....	180, 215
Moogbhat Street	.....	63
Mount Road	.....	62
Musjid Bandar Road (rate increased)	.....	180
Nagdevi Road	.....	42, 57, 215
Nepean Sea Road	.....	384
Nishanpada Road	.....	173
Nowroji Hill (taken under Land Acquisition Act)	.....	86
Oak Lane	.....	80
Oomerkhary Street	.....	92

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LAND—*contd.*		
GROUNDS TAKEN UP AT—*contd.*		
Parel Road (improvement and extension of Victoria Gardens)	.....	428, 429
„ „ Byculla	.....	115, 118
„ Village (encroachment on a public passage at)	101	130.
Pathan Street (land taken up for extension of Crawford Markets and erection of Fire Brigade Station)	.....	91
Pydhowni Road (rate increased)	.....	214, 215
Appeal to the High Court with the view to obtain a settlement of the general principle of valuation	.....	214, 216
Sheik Burun Camodin Street	.....	115
Sheik Memon Street	.....	42, 62, 143
Sewri Fort Road for site of a latrine	.....	193
Stable Street	.....	17
Victoria Gardens (land taken up for extension of)	242	389, 428
Wadala (land taken up for fountains)	102	123
Walkeshwar Road, *see* "Malabar Hill."		
LAND CONVEYANCE LICENSES—		
Grant for 1890-91	227	359
LATHAM, BALDWIN, Mr., *see* "Drainage" and "Flats."		
LAW CHARGES—Budget Grant for, proposal to postpone consideration of, negatived	227	
LEASK, J., Mr., *see* "Health Department."		
Appointed scrutineer at an election	38	
LEPROSY—		
Regulation of persons affected with, report asked as to what additional powers, if any, are required by Health Department, to deal effectively with the evil	13	
Proposal to ask Government to take legislative action authorising the Police to remove Lepers to an Asylum to be built and maintained by the Corporation, negatived	13	
Letter from the Commissioner, and Health Officer's remarks on the question of dealing with leprosy	91, 92	
Bill to make provisions for isolation of Lepers and amelioration of their condition.	94	
The Corporation generally approve of the principles of the Bill, &c., &c.	96, 97, 100	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LEPROSY—*contd.*		
Government Resolution and Report by the Commissioner of Police	197, 99	158, 170
A Hindu gentleman's memorandum stating that he was cured by a Hakim, and offering to give further information on the point	.....	279
Home for Lepers in Bombay, Sir Dinshaw Maneckji Petit's, at Trombay	321, 323	
Foundation stone of, laid by H. R. H. Prince Albert Victor of Wales	322,329,354	
Vote of thanks to His Royal Highness	354	
LICENSING ESTABLISHMENT—		
Budget Grant for 1890-91	219	355, 359
Schedule of Establishment	353	329, 330
Timber shops at Nowroji Hill, Don Tad Street and Chinch Bandar, complaint as to license fees being increased	89, 90	119
LICENSES, LIQUOR, receipts from 1890-91.	219, 220	355
Government decline to increase the compensation to be paid to the Municipality in lieu of revenue from	172,209,325	
LIGHTING—		
Budget Estimate of receipts and expenditure for 1890-91	231	362
Contingencies, extra grant for	.....	473
Report of Committee appointed to consider and report on the question of public lighting	36, 124, 125	43
Contract for lighting with gas, for 3 years..	125	
Comparative table of old and new contracts	126, 140	
Crawford Markets, extra grant for	.....	475
GAS LIGHTING: Applications for lighting, complaints, &c., as under—		
Ballard Street	66, 67	52, 59, 77
Bhandarwada Cross Lane, Mandvi	.....	58, 161, 194
Cochin Street	66, 67	52, 59, 77
Fort Street	66, 67	52, 59, 77
Goa Street	66, 67	52, 59, 77
Kamathipura 13th Street, Cross Lane, application from inhabitants of, for lighting	.....	57
Kalikat Street	66, 67	52, 59, 77
Karwar Street	66, 67	52, 59, 77
Kumta Street	66, 67	52, 59, 77
Mangalore Street	66, 67	52, 59, 77
Port Trust Roads and Wharfs	231	362
Prince's and Victoria Docks	73	36, 111

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
LIGHTING, &c.—*contd.*		
GAS LIGHTING—*contd.*		
Queen-Empress, statue of, lighting of	229	
Tel Gali, Vithulwadi Lane, petition from residents, as to lighting of	.....	100
Victoria Dock, *see* "Prince's Dock."		
Wadia Fountain, lighting of clock of	.....	476
Wellington Fountain, lighting of, proposal for removal of, *see* "Water Works," "Fountains."		
KEROSINE OIL LIGHTING.....	.....	8, 80, 420
Latrines and urinals, lighting of.....	284	407, 473
MACEWEN, R., Mr., Assistant Executive Engineer, *see* "PENSIONS, &C."		
MACONACHIE, G. A., Surgeon-Major, *see* "Preface."		
Appointed on Committees	161, 296	
MAHOMED H. HAKIM, Mr., *see* "Preface."		
MALABAR HILL RESERVOIR, *see* "Water Works."		
MARINE LINES, BOMBAY—		
Government Resolution appointing Committee to report on sanitary condition of Quarters in, &c.	150	
Mr. James W. Smith, Acting Executive Engineer, authorized to serve as a member of the Commitee	151	
Report of the Committee.....	197, 205	
Government letter forwarding the report ...	197	
Letters from the Sanitary Commissioner on the defective condition of sewerage of.....	205, 207, 208	
Referred to the Commissioner for report ...	208	
MARKETS AND SLAUGHTER HOUSES AND MILCH CATTLE STABLES—		
Budget Estimates for Markets and Slaughter Houses, 1890-91	221, 232	355, 364, 365, 367
SCHEDULE of Establishment	353	349
Repairs.....	49	365
Stores, Miscellaneous	48	
Bullocks, value written off, *see* "Financial."		
BHULESHWAR Vegetable and Fruit Markets, extension of, land and buildings taken for.....	238, 239, 241	106, 112, 306, 367, 371
Lighting of	.....	365
Materials of houses demolished, for extension, sale of	.....	410

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
MARKETS AND SLAUGHTER HOUSES, &c.—*contd.*		
CRAWFORD, ARTHUR, MARKETS, Land for tension of	.....	91
Bas relief for tympanum	236	370
Godowns, windows	235	369
Lighting of, extra grant for	.....	475
Stall rents, petition from Borah-stall holders at, as to enhanced rents	122, 123	125, 160, 174
Tank and hoses for, in case of fire	234, 235	369
ERSKINE ROAD, lighting of	.....	365
FORAS ROAD, erection of new Municipal market at	.....	52, 59, 382, 464
FORT MARKET stand pipe drain, connection with	.....	370
MARKETS, private—		
Application for opening of, at Moogbhat, negatived	.....	3, 4
SLAUGHTER HOUSES, Bandora—		
Blood, right to utilize	.....	64
Bullocks for meat vans, increased rations for.	.....	66
Carts, refuse and offal, covering of	81	115
Latrines for	237	370
Offal and stable refuse, removal of, rate for increased	171	92, 196, 203, 216
Proposed removal of Slaughter Houses to Matunga	324, 325	423, 434
Stores, extra grant for purchase of	.....	475
Vans, meat, levy of toll fee on, by Bandora Municipality	123, 124	135, 162, 163, 175
MEETINGS of the Corporation, &c., *see* "Preface" and "Corporation."		
MEREWETHER, G. L. C., Col., *see* "Preface" and "Corporation."		
Appointed on Committees	11, 13, 36, 111, 141, 159, 161, 306, 320	16, 279
Retired by rotation	.....	437
METERS, *see* "Water Works."		
MILCH CATTLE STABLES—		
Budget Estimates and grants for 1890-91	222	356, 366, 367
Schedule of Establishment	353	348
MIRZA HUSSEIN KHAN, Mr., *see* "Preface."		
MISCELLANEOUS fees, fines, receipts, &c.—		
Budget Estimates for 1890-91	222, 223	355, 356

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
MORLAND, Captain, Sir Henry, Kt., *see* "Preface" and "Corporation."		
Appointed on Committees	3, 12, 13, 332	
Temporary absence of	30	61
Vote of thanks to	.....	61
MUNCHERJEE C. MURZBAN, Khan Bahadur, *see* "Preface."		
Appointed on Committees	11, 22, 13, 36, 111, 114, 161, 193, 296, 320	
MUNCHERJEE NOWROJEE BANAJEE, Mr., *see* "Preface" and "Corporation."		
Appointed on Committees	3, 111	92, 211
MULJI BHAWANIDAS BARBHAYA, Mr., *see* "Preface."		
Appointed on Committees	332	16
Retired by rotation	.....	437
MUNICIPAL ASSETS, *see* "Assessment."		
MUNICIPAL BUILDINGS repairs to, Budget		
Contract for	.....	63, 447, 452
ANNUAL REPAIRS to, complaint as to non-acceptance of tender for	.....	452
" " " excess in grants for	49	
Insurance of, fire, grant for	230, 237	368
Rent (Office)	230	368
" CASES. Cost of issue of summonses and processes in	159	196, 197
" EMPOYES, list of, *see* "Financial."		
" COMMISSIONER'S Annual Report for 1888-89	171, 173	219, 238
Committee appointed to consider and decide which appendices to the reports of Heads of Departments shall be printed and attached to the report	.....	211
Report of the Committee	.....	218
Dead-stock list to be left out of and printed as a separate compilation	.....	218
Drainage stock to be entered in the general stock list	.....	218
"Review" by the Standing Committee	171, 173	219, 236, 238, 2

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
MUNICIPAL COMMISSIONER—		
Budget Grant for establishment for 1890-91	226, 227	357, 358
Schedule of Establishment	353	315, 317, 318
Assistant to the Commissioner, pay increased	353	316, 317
Commissioner (Mr. E. C. K. Ollivant, C.S., C.I.E.) vote of thanks to	.....	15, 466
Pay of	.....	357
Proposal to Budget, full pay of his appointment, negatived	.....	357
Deputy Commissioner: Proposal to make provision in Budget for pay of	.....	317, 358
Mr. H. A. Acworth, C.S., appointed as	301, 331	
Pay of, provided for 2 months	302, 331	449
Leave and pension contribution payment of, exempted	.....	459
Powers and duties delegated to Mr. Acworth, Deputy Commissioner	331	
Mr. H. A. Acworth, C.S., appointed as Commissioner	301	419
Clothing for peons	.....	357
Contingencies, including printing, &c., extra grant for	.....	473
MUNICIPAL OFFICE (New)—		
Building Fund—Appropriation of, during 1889-90	29	
Contingencies for	16, 27, 63, 64	13, 24, 127
Foundation of, contract for	.....	8, 9, 31, 63
Furniture and surveying instruments for the office of the Clerk of the Works	91	127
Payments on account of work, during 1890-91	29	24
Proposal to appoint a Committee to consider how the work not covered by 5 per cent. remuneration to Mr. Stevens, should be provided for, and at what rate of remuneration	22	
Site of, at Bori Bandar, payment to Government on account of	.....	60
Extra ground for: Corporation request that price of land be not enhanced and that ground rent not be levied	16, 30	30, 31
Government decline to alter the terms for additional ground	102, 103	
Opinion of Counsel asked as to whether the Corporation is in the circumstances that have happened, bound to take a lease in ordinary Esplanade form, &c.	103	

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
MUNICIPAL OFFICE (New)—*contd.*		
Council Chamber, dimensions of	.....	
The Corporation accept terms for additional ground taken up for, but record opinion that they have not been treated with fairness and equity in relation to the demand of ground rent, &c.	289	
Excavated and building materials of: Mr. Shroff's question regarding Government land occupied for temporary deposit of	.....	90, 182
Commissioner's explanation on the question.	.....	183
Government charge fees for stacking such materials in the vicinity of the site of	.....	184, 202
Grant for rent of Government land occupied by building materials, sanctioned	.....	202
Tabular statement asked of total cost of scheme for, showing cost of land acquired or to be acquired, cost of buildings, cost of furniture and fittings, &c., &c.	.....	106, 112, 113
Stevens, F. W., Mr., C.I.E., payments to as architect	16, 20	9, 13, 24, 27, 28, 29
Contract with	24, 26	86, 88, 93, 104, 107, 108
Estimated cost of building	17	13, 24
Subordinate Establishment	16, 27, 28, 63, 64	9, 71, 13, 24
Resident Engineer, or Clerk of Works, Mr. Sitaram Khanderao appointed as	28, 63, 64, 65	11, 57, 17, 72
Rate for excavating hard gada, increased	.....	202
Superstructure of and construction of tender accepted for	.....	248, 259, 303
Contract of, Proposal to appoint a Committee to examine into and report on terms of, negatived	.....	303
Extra works in connection with building: Mr. Stevens asked to prepare estimate of cost of	196, 265	304
Proposal to employ another Engineer to estimate cost of, negatived	266	
Mr. Stevens' fees chargeable to such works.	266	387
Foundation or corner stone of, removal of, to the site near the entrance to the Hall	.....	306
Cost of extension of	196	308, 310
MUSIC LICENSES, Budget Grant for, *see* "Assessment and Collection."		

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
MUSEUM, VICTORIA and ALBERT—		
Budget grant	229	
Schedule of Establishment	.....	337
Establishment for, sanctioned	.....	367
Turnstile	.....	93
NANABHOY B. JEEJEEBHOY, Mr., *see* "Preface" and "Corporation."		
NANABHAI RASTAMJI RANINA, Mr., *see* "Auditors."		
NARAYEN GANESH CHANDAVARKAR, Mr., *see* "Preface" and "Corporation."		
Appointed on Committees	13, 115	
NAVROJI BYRAMJI SUNTOOK, Mr., *see* "Preface."		
NEW WORKS for 1890-91, including special repairs and renewals	232,235,237	368, 369
Special repairs and renewals to be shown under one and new works under another head	.....	368
Items of, considered together instead of individually	235	
NUISANCES, complaints as to, at—		
Agripada (drain nuisance)	.....	225
Barek Gully, (Girgam Back Road)	.....	455
Love Lane	.....	84
Marine Lines	150	
Matharpakhadi	.....	76, 208, 383, 404
Zaoba's Wadi	274	155,179,245,387
OFFICERS AND SERVANTS, Municipal, conveyance and travelling allowances to, and suggested scale of allowances to officers drawing less than Rs. 500 per month.	.....	89, 351
See Schedules of Establishment	.....	351
OLLIVANT, E. C. K., Mr., C.S., C.I.E., *see* "Municipal Commissioner."		
Vote of thanks to	.....	15
OUTSTANDING BUSINESS	.....	172,179,192,260
OVERBRIDGES, *see* "Land."		
PENSION AND LEAVE RULES AND TRAVELLING ALLOWANCES—		
Privilege leave and sick leave in continuation thereof to Mr. Walton, conversion of such leave into furlough	.....	93, 98, 104

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
PENSIONS, GRATUITIES, &c.—		
ALLOWANCES—		
Budget Estimates for 1890-91, and extra grant for	116,223,229	171, 356, 367
Admission of Municipal officers and servants towards the Pension Fund. Papers relating thereto asked to be printed and circulated	.....	474, 475
Mukadum of Engineer's Department, application from, for pension or gratuity, negatived under Rules	.....	89
Sub-Inspectors of waste water prevention allowed to contribute towards Pension Fund	.....	3
Proposal of Government that the Municipality should admit subordinate staff of Gokuldas Tejpal Hospital to Pension Fund	.....	4, 21,35, 58,186, 187,260,261,263, 409
Compassionate allowance to father of a sawyer who died from the effects of an accident he met with while working in Municipal Workshops, negatived under Rules..	.....	247, 251
Compassionate allowances, payment of, to son of Shunkersing Bhyrosing, late Havildar, Commissioner's Office	.....	66
Application from a relative of deceased for, declined under the Rules	173, 174	219
Compassionate allowances, grant of	.....	66, 94, 109, 123
GRATUITY allowed to—		
Legal representatives of Mr. E. C. Hawkes, late Resident Engineer, Tansa Dam Works.	312	442
Mr. Jugonath Vithoba, gratuity to, increased	.....	37, 251, 260
Payment of, sanctioned to be made to legal representative of	.....	387, 413
PENSION granted to—		
Mr. Balkrishna Babulji	.....	159
Mr. R. MacEwen	.....	46
Mr. Nana Balaji	.....	313
Mr. M. P. Noronha	.....	111
Mr. Nosherwanjee Coyajee	.....	14, 53
Mr. Pandurung Mungesh	.....	123
Mr. Putoba Shrikrishna	.....	243
Mr. Sadanand Harichandji	.....	142, 188
Mr. Shewshunker Luximonjee	.....	14, 94
Vithoo Dalvi	.....	20, 93

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
PETTY STORES AND HARDWARE, Contract for	.....	63, 440
Contract for petty stores, cancelled	.....	
PHEROZESHAH M. MEHTA, the Hon'ble Mr., *see* "Preface."		
Appointed on Committees	13,111,114, 141, 225, 320, 332	
PINJRAPOL, suggested removal of	325	423, 434
PLUMBERS, Regulations for guidance of, approved	.....	2, 19
POLICE CHARGES—		
Commissioner and Police Force, vote of thanks to, for services during strike of biggaries	.....	466
Budget Grant for 1890-91	229	367
Chowkies and Stations, liability for provision of	.....	85,89,93,99,197
Counsel's opinion on the subject	.....	200
Draft letter prepared by the Commissioner, approved	.....	201
Chowki, new, erected in Erskine Road, *see* "Land," "Roads."		
Quarters, rent of	222	
Question of increasing	47	
Government Resolution appointing a Committee to report on the proposals of the Commissioner of Police for an increase to City Police Force and the necessity for an additional Magistrate's Court and its situation	78	
Harbour Police—Government Resolution and the Commissioner's reply thereto *re* charge for water supplied to	.....	376, 379
PORTMAN, A. B., Lt.-Col. "*see Preface*"	34	
PORT TRUST Properties, water rate in respect of	.....	60,138,146,154, 161, 164, 170, 175
PRINCE ALBERT VICTOR OF WALES Visits India. Measures taken for welcoming H. R. H.	141,158,175 176,303	194, 252, 445
Address of Welcome to H. R. H. presented on his landing in Bombay	141, 182	
Reply of H. R. H. who expresses his desire to remain in the city for some days on his return journey	184	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
PRINCE ALBERT VICTOR OF WALES Visits India—*contd.*		
Festivities in commemoration of the return visit of the Prince. The Corporation join with the public	283, 303	446, 450, 451
Illuminations	303	422, 446, 451
Fête in the Victoria Gardens, Flower, Horse and Cattle Shows	176, 303, 308	252, 422, 446, 450, 451, 452
Farewell Address to H. R. H.	306, 308, 355	468
Reply of H. R. H.	356	
Grant towards the cost of the festivities	308	
Sir Dinshaw M. Petit's Lepers' Home at Trombay, foundation stone of, laid by H. R. H.	354	
Vote of thanks to H. R. H.	354	
Fee for admission to Victoria Gardens on occasion of holding the Shows	330	
Fair on Esplanade, water supply	.....	464
PROGRESS REPORTS, *see* "Works," "Appendix D."		
PUMPING STATION, *see* "Drainage," "Outfall."		
PURSHOTUMDAS M. NATHOOBHOY, Mr., *see* "Preface."		
QUEEN-EMPRESS' STATUE, Illumination of, *see* "Prince Albert Victor's Visit."		
RAGHUNATH NARAYAN KHOTE, Mr., C.I.E., *see* "Preface" and "Corporation."		
Appointed on Committee	12	
RAHIMTULA M. SAYANI, The Hon'ble Mr., *see* "Preface" and "Corporation."		
Appointed on Committees	13, 36, 141, 159, 161, 225, 306, 320	
RAHIMTULA KHAIRAZ, Mr., *see* "Preface."		
Appointed on Committee	159	
RANGOON Drainage Works, opened by H. R. H. Prince Albert Victor of Wales; invitation to the ceremony	274	
RASTAMJI N. KHORY, Dr., *see* "Preface" and "Corporation."		
Appointed on Committees	12, 13, 193, 225	
RASTAMJI D. SETHNA, Mr., *see* "Preface."		

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
RATES AND TAXES, *see* "Financial."		
RAILWAY Passengers, sick, accommodation for, also latrine accommodation.....	50, 51	
RAILWAYS BILL, INDIAN, Report of Committee appointed to consider and report on sections relating to overbridges and assessment of Railway Property in Bombay.	111, 142, 147	
Government of India, memorial to.....	147	
Letter from the Municipal Secretary stating that in the amended Bill no allusion has been made to the objections to the Bill raised by the Corporation	.....	448
The Standing Committee recommend the Corporation to submit further Memorial to the Secretary of State, praying that the amended Bill may be further amended so far as its provisions relate to the City of Bombay	.....	448, 449
The President asked to submit further representation to the Government of India and, if necessary, memorial to the Secretary of State	312	
REAY, LORD, Farewell Address to	331	468
REGISTRATION OF BIRTHS & DEATHS—		
BUDGET GRANT for 1890-91	232	365, 367
Schedule of Establishment	232, 353	343, 346, 348
Proposal to ask Health Officer to report on causes of high mortality from fever	173	
REPORTS, QUARTERLY	.....	*See* Appendix A.
4th Quarter, 1888	71	66
1st Quarter, 1889	152	178
2nd Quarter, 1889	266	382
District return of mortality to be appended, to each quarterly report and mortuary diagram hitherto published to be discontinued.....	.....	382, 447
Quarterly report to be prepared and submitted not later than six weeks from the date that it becomes due.....	267	
3rd Quarter, 1889	295	410
4th Quarter, 1889	318	447
REVENUE AND REFUND AUDIT ESTABLISHMENT—		
Budget Estimates for 1890-91	227	359
Revenue and refund audit officer, appointment of.	353	329
Schedule of Establishment	353	327, 329

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
SELBY, H. O., Major, R.E., *see* "Preface."		
Appointed on Committees	11, 12, 13, 111, 161	92, 279
Resigns membership of Committees	34	
SHIVAJEE DHARMAJEE, Mr., *see* "Preface."		
SMALL-POX HOSPITALS, *see* "Hospitals."		
SMITH, JAMES W., Mr., appointed Scrutineer	2, 305	
Authorised to serve as a member of Committee *re* Marine Lines	151	
SORABJI NAVAROJI COOPER, Mr., appointed Scrutineer	2, 38, 305	
SOUZA, P. C., Mr., *see* "Preface."		
STATIONERY AND DRAWING MATERIALS, contract for supply of	.....	86, 250, 460
STREET Improvement, *see* "Land."		
SURVEYORS' Regulations for guidance of, approved	.....	2, 18
Complaint from a Surveyor on being refused License	191	219
SUNDAY—Memorial to the Secretary of State protesting against the proposal to alter day of departure of mail to England to	116, 181	
TANKS, *see* "Land."		
TANSA Water Works, *see* "Water Works."		
TECHNICAL Education, *see* "Education."		
TIMBER Merchants of Nowroji Hill, Don Tad Street, and Chinch Bunder Road, complaint from, as to license fees on timber shops at	.....	119
" WAREHOUSES, objection to the establishment of, at New Kazi Street	.....	404
" supply of	.....	421
TOBACCO Duty, Budget Estimate, &c., for 1890-91	220	355, 359
TOLL fees, *see* "Wheel Tax." *see* also "Markets."		
TOWN DUTIES—		
Budget Estimates of receipts from, and expenditure for 1890-91	218	354, 359
Commission charges, extra, payable to Port Trust	.....	473
Duties on Ghee and Sugar	.....	354
TRAMWAY COMPANY, charges for water supplied for road repairs	.....	93, 94
TRAMWAY Rent for 1890-91	221	355
TRIBHOWANDAS MANGALDAS NATHOOBHOY, Mr., *see* "Preface."		
URINALS and Latrines, *see* "Drainage."		

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
VACCINATION—		
Grant for 1890-91	232	366, 367
Establishment, extra grant for	.....	463
Heifers, purchase of	.....	25
Proposal to add a column in Health Officer's quarterly returns showing number of children who have been unsuccessfully vaccinated	.....	38
VASUDEV J. KIRTIKAR, Rao Saheb, *see* "Preface."		
Appointed on Committee	225	
VETERINARY College and Hospital, *see* "Hospitals."		
VICTORIA and Albert Museum, *see* "Museum."		
Technical Institute, *see* "Education."		
VIEGAS, A. G., Mr., *see* "Preface."		
Appointed on Committees	193, 332	
VIRPRASAD TAPIPRASAD, Rao Bahadur, appointed a Scrutineer at an election	38	
VISHVANATH NARAYAN MANDLIK, C.S.I., Rao Saheb, *see* "Preface" and "Corporation."		
Appointed on Committee	13	
Death of	32	
VUNDRAVANDAS PURSHOTUMDAS, Mr., *see* "Preface."		
Appointed on Committee	11	
WAGES of workmen (unclaimed), advances for payment of	48	
WALSHE, W. P., Captain, *see* "Preface."		
Appointed on Committees	306, 332	
WALTON, RIENZI, Mr., *see* "Pension and Leave Rules."		
WARDS, proposal to show separately revenue and expenditure of each Ward	111	
WATER WORKS—		
Charged to Loans (*see* also "Tansa and Pawai")	.....	270, 276
BUDGET Estimate of income and expenditure for 1890-91	221, 131	355, 362
Water Tax, special rates	.....	159, 160
SCHEDULE of Establishment	353	342
Deputy Executive Engineer, pay increased	353	342
Acting allowances	.....	57
Analyses of Vehar and Tulsi Water	.....	67, 117, 470
" " to be made monthly and printed with returns of height of water	.....	470

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
WATER WORKS—*contd.*		
Chief Inspector, pay of, increased	353	342
Cement, tender for, accepted	.....	386, 420, 445
Advances sanctioned for purchase of stores for Water Works	48	
Fittings and service pipes	.....	25, 63, 387
,, ,, charges for sale to public or for use for Municipal purposes.....	.....	149, 383, 435
CHINCHPOKLI Store-room and office. Conversion of old store-room into quarters for Storekeeper and for outhouses	.....	464
CONNECTIONS, WATER, severance of, applications for, sanctioned	.....	7, 21, 37, 59, 77, 85, 90, 96, 101, 105, 112, 115, 118, 124, 135, 150, 157, 161, 171, 179, 181, 192, 195, 211, 219, 222, 245, 248, 256, 263, 282, 305, 314, 376, 399, 403, 409, 417, 426, 434, 442, 449, 455, 457, 468, 474
Forms of application for.....	48	
COMPOUNDED CHARGES	.....	52, 58, 60
EWUR WATER SCHEME: Report by Mr. Tomlinson, Deputy Executive Engineer, Water Works	.....	305
FAIR, public, on Esplanade, water supply to...	.....	465
FILTRATION: The Commissioner asked to state whether Bhandawada filters are sufficient to filter fully and adequately all Pawai water which may be delivered into Bhandarwada Reservoir, and whether Vehar and Pawai water can be delivered separately into City, &c.....	334	422
FOUNTAINS—		
Naigam Road, cattle trough and drinking fountain	295	391, 397, 403, 407, 413
Parel Tank Road, fountain or cattle trough to be built at the cost of a Parsi Lady at the junction of Sewri and Parel Tank Roads	74	116, 117

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
WATER WORKS—*contd.*		
FOUNTAINS—*contd.*		
Wadalla, cattle trough and drinking fountain at, taking over and declaring of public	102	115, 118, 123
Wadia Fountain, lighting clock of	.....	476
Wellington Fountain, question as to, vesting of, in the Municipality	69, 70	
HEIGHT of water in Tulsi and Vehar Lakes	.....	*See* Appendix B.
Additional column to be added to water return showing height of water on gauge.	.....	85
HYDRANTS, fire, proposal to purchase: Settlement of contract for supply of	.....	7, 21, 35
INSUFFICIENT SUPPLY OF WATER, petition from residents at Falkland Road (Chawl No. 390)	.....	125
KENERY AND EWUR WATER SCHEME, report by Mr. Tomlinson	.....	305, 389
Survey of, Major Selby's notice regarding	195, 211	404
KURLA, supply of Vehar water to	41	3, 21, 34
LADY REAY'S Fancy Fair, charge for water supplied to	.....	435
MAINS AND PIPES—		
Plans of distribution generally	.....	258
New, purchase of, of different sizes, for reserve stock	239, 241	371, 412, 472
Laying of, in various streets, contract for	.....	460
Arthur Road (construction of culverts under the B. B. & C. I. Railway)	.....	15
" contract time for laying mains at, extended	.....	15
METERS—		
Articles in connection with, new, purchase of	.....	222
Diagrams, meter, supply of	.....	88, 130
Siemen's, purchase of	.....	185, 260
" " spare parts of	.....	122, 283, 407
PAWAI VALLEY SCHEME	238, 239, 241	367
Quarters for Engineer and Lascars	.....	469
Reports of Mr. Tomlinson on the proposed scheme	.....	284, 311, 313, 383, 389, 403, 409
The Corporation sanction the scheme at a cost of Rs. 4,55,000, exclusive of cost of land	187	299, 300
Mr. Carroll's dissent as regards the proposed work being treated as a permanent work	186	

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
WATER WORKS—*contd.*		
PAWAI VALLEY SCHEME—*contd.*		
Pumping engines and boilers for, contract for supply of	.....	302, 303, 406, 418, 419
Dam, construction of, tender accepted	.....	311, 320
Advance to contractors for	.....	455
Mains, laying of, at Pawai Lake to	.....	384, 412, 457, 470
Machinery, conveyance of, from Bombay to Pawai, contract for	.....	395
Erection of, at Pawai	.....	395
Sheds and buildings appurtenant thereto.	.....	395
The Corporation consider question of area to be acquired for Lake, and sanction acquisition of whole area	296, 309	258
Land taken up	187, 296	302, 310, 404
The Commissioner asked to ascertain opinion of Health Officer as to quality of water	.....	421
Funds for	238, 239, 241, 367	
PROGRESS REPORT up to November 1889	.....	310
" " " December 1889	.....	394
" " " January 1890	.....	427
" " " February 1890	.....	467
Report asked as to the use of the water collected in the Reservoir during 1890-91 and on the question of filtration, distribution, &c., of the water	334	
POLICE, WATER, supplied with water from Government Dockyard	.....	376, 378, 379
PORT TRUST, charges for water supplied to, (12 as. per 1,000 gallons)	.....	60, 138, 146, 154, 161, 164, 170, 175
RESERVOIR, *Bhandarwada* (John Hay Grant)—		
Detailed abstract estimate asked for of charges in connection with repairs or renewals chargeable (1) to capital, and (2) to revenue	.....	172
Eastern wall of, rebuilding of	233	369
Filter bed, concrete flooring for	233	369, 431, 432
Additional, provision of	297	417, 447
Leakage of: Report of Sir John Fowler on the question	.....	2
Works to be undertaken during next fair season	.....	59

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
WATER WORKS—*contd.*		
RESERVOIR (*Bhandarwada*)—*contd.*		
The Commissioner asked to state whether Bhandarwada filters are sufficient to filter fully and adequately all Pawai water, and whether Vehar and Pawai water can be delivered separately, &c.	.....	422
RESERVOIR (*Malabar Hill*)—		
Detailed abstract estimate asked for of charges in connection with repairs or renewals which are chargeable (1) to capital and (2) to revenue	.....	172
Basin, settling of, asphalting floor of	.....	256, 258
Leakage of	.....	2
Works to be undertaken during 1890...	238, 239, 241	59
Asphalt or concrete surface of floor in settling basin, provision of turbine, &c....	65, 76	81, 83, 101, 109
Proposal referred back to the Standing Committee who report to the Corporation.	65, 75	105, 109
The Secretary asked to prepare précis of papers connected with Sir John Fowler's Report and other works on Reservoir ...	.....	105
Raising of necessary amount by loan	77	
Payment of advance to provide for execution of works	286	410
Entire expenditure on Reservoir and of cost of making ornamental gardens at and maintenance of, return of, asked for	.....	172
Turbine and centrifugal pump, purchase of...	.. ...	256, 258
Windows of a house to the west of, allowed to remain on sufferance	.....	103
RIFLE RANGE at Bandora, water-supply to ...	40	
SCARCITY of water supply apprehended....	.....	279, 283, 284
Preliminary report by Mr. Tomlinson ...	.....	64, 65
Certificate on subject by the Commissioner and Engineers	.....	284
Committee appointed to confer with the Commissioner on the subject	.....	Papers filed on file of confidential papers kept by the Secretary, No. 280 of 1885-86.
Proposal to censure the Commissioner "for want of reasonable foresight" falls through, the proposal not being seconded..	211	
SLUICE valves, settlement of contract for supply of	.....	7, 21, 35

WATER WORKS—*contd.*	PART I. Proceedings of the Corporation	PART II. Proceedings of the Standing Committee.
STANDPIPE opposite Fort Market, connecting drain of	237	370
SUIT for recovery of rate, *see* "Assessment".		
TANKS, public water drawn from, by a Mill Co.	.....	7, 21
TANSA—*Establishment*, return of, asked for.	.....	172
Budget grant for	238, 240	370
Contingent charges	.....	109
Funds, investments of, transfers of balances, &c., &c.	291,307,309	373, 454
Mr. Hawkes, Resident Engineer, Leave of absence to	.....	435
Death of, and gratuity to legal representatives of	312	442
Mr. A. Hill appointed to act as Resident Engineer	.....	436
Establishment and contingent charges	307	454
Ironwork supplied by Contractors, payment of	307	454
Inspector, Tansa Duct Works, complaint from, as to dismissal	154,290,291	178
DAM foundations, additional cost of	.....	58, 111, 112
DUCT, delay in completion of	265	279, 283, 300, 392, 382, 443 *See* Secretary's confidential file, No. 280 of 1885-86.
Penalty clause, operation of, postponed till 1st March 1892	261,264,265	300
Tunnel bonus to be made a bonus on the whole work	261, 264	300
Balance of work (remaining to be done) to be paid at increased rates as per schedule.	261, 264	301, 392
Bonus of Rs. 2,40,000 if the Contractors complete work by 1st March 1892	261	301, 392
Advance to Contractors	.....	306
Payment, monthly, of enhanced rates subject to the rate of progress being approved by the Executive Engineer	.....	306
The Corporation recommended to sanction the proposed terms	214	393
Increase in total cost of the duct works	214, 215, 255, 263	403, 407, 411
Supplemental contract entered into with the duct contractors	333	452
Ironwork, &c., remittance during 1890 on account of, rates of Bank accepted	.....	249
Ironwork, &c., advance to contractors for	.....	371, 373, 412, 454, 472

	Part I. Proceedings of the Corporation.	Part II. Proceedings of the Standing Committee.
WATER WORKS—*contd.*		
TANSA—*contd.*		
Mains, removal from Kasheli to Bhandup, contract for	.....	454, 462
Pipe Depôt at Chinchpokli, fencing site of...	.....	65
Progress Reports—		
February 1889	.....	5, 21, 35
March 1889	.....	46, 47, 58
April 1889	.....	94, 101
May 1889	.....	155, 161
June 1889	.....	155, 161
July 1889	.....	208, 211
August 1889	.....	208, 211
Reservoir for, in Bombay, proposed	.....	82
Sluices for Dam outlet	.....	65
TRAMWAY COMPANY—		
Charges for water used for road repairs.....	.....	93, 94
Supply of water to	.....	7, 21, 93, 94
TULSI LAKE—		
Water fouling of, by bathing and washing clothes in: Dr. Hatch's complaint as to...	.....	127, 128
The Commissioner asked to apply to the Collector of Thana to invest resident municipal officers at Tulsi with powers of Police Patels for the purpose of preventing the fouling of the water	.....	128, 129
TULSI MAIN LINE—		
In DeLisle Road, making of road across ...	289, 290	408
,, Fergusson Road, suit filed to remove encroachment made on the line thereat	.....	466
VEHAR—		
Filter beds, additional. Estimate of cost of...	297	417, 447
Complete filtration of all water brought in from Vehar and statement as to time in which work can be completed, return asked for	.....	418, 422
Lake, water fouling of, by bathing and washing clothes, *see* under "Tulsi" above.		
Telephonic communication with Vehar	236	370
WASTE WEIR at, completion of works for prevention of leakage of	.....	52, 53, 103
WATER RATE—		
Complaint from Mr. Sorabji S. Bengallee, C.I.E., regarding the levy of	.....	379
Complaints regarding levy of, in respect of properties in which water connections are not required	.....	116, 208, 245, 388, 404, 433, 441, 454, 475, 477

	PART I. Proceedings of the Corporation.	PART II. Proceedings of the Standing Committee.
WEIGHTS AND MEASURES—		
Establishment for verification of	232, 353	349
Verification of weights, petition as to	.....	194
" " and measures, cost of.	171	274
WEIR, T. S., Surgeon-Major, *see* "Health Department."		
WELLS AND TANKS—		
Tank at Naigam	.....	149, 154
Filling in of, &c., Gun Carriage Lane, Colaba, proposed closing of	41, 71	84
Rampart Road	.....	159, 219, 221
WHEEL TAX and Toll Fees—		
BUDGET ESTIMATES of receipts from, and expenditure for 1890-91	217, 218	354
Schedule of Establishment	353	323, 325
Hack and public conveyances, wheel tax payable by owners of, compounded	.....	39
WORKS, NEW, in course of construction	.....	*See* Appendix C.
Progress Reports of	.....	21, 35, 89, 113, 136, 171, 211, 256, 263, 382, 403, 434, 455
The Commissioner asked to direct that in future the works be shown under the usual heads as follows: namely, those which have been completed, those which are in progress and those which have not yet been commenced	.....	211
The Commissioner asked to report at once all cases in which period for completion of a contract has been exceeded	.....	403
WORKS, PRIVATE and departmental Advances for	48	
WORKSHOPS, Municipal—		
Budget Estimates for 1890-91	223	356, 360
Advances for work done	48	
Schedule of Establishment	231, 353	342
Compassionate allowance allowed to father of a sawyer who died while working in shops	.....	247
Latrines, addition to, at	236	369
Timber	.....	63, 421

Appendices.

PAGES.

A.—Health Officer's Reports for 1889..... 1 to 25

B.—Returns of the height of Water in Vehar and Tulsi Lakes for 1889-90 ..... 27, 28

C.—Progress Reports of New Works (February 1889 to January 1890) ..... 29 to 109

D.—Return of Fires (July 1889 to March 1890).....111 to 120

E.—Municipal Office, New, Case *re* terms for ground taken up for site of, and Counsel's opinion thereon .....121 to 129

F.—Pawai Water Works—Report by Deputy Executive Engineer in charge Water Works on the .....131 to 178

BOMBAY MUNICIPAL CORPORATION.

BOMBAY, *4th April* 1889.

AT the first Meeting of the new Municipal Corporation of Bombay, held this day, there were present :—

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; PHILIP CLEMENT DESOUZA, Esq., L.M.; DINSHAW EDULJI VACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; FAZALBHAI JUMABHAI LALJEE, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJEE DORABJEE DIVECHA, Esq.; GRATTAN GEARY, Esq.; *A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HORMUSJEE DADABHOY, Esq.; HURKISONDAS NARROTUMDAS, Esq.; JUGMOHANDAS VANDRAWANDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJEE JEEJEEBHOY, BART., C.S.I.; JAMSHEDJEE KHARSEDJEE KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; MAHOMED HUSSEIN HAKIM, Esq.; MANEKJI BEHRAMJI DADABHOY, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJEE SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; LIEUT.-COLONEL PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A. LL.B.; G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; E. F. UNDERWOOD, Esq., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq.

Councillors present	68
„ Absent	4
Total ...	72

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The Municipal Commissioner said he had appointed this day for the Meeting, in pursuance of the terms of Section 36 (*b*) of the Municipal Act III. of 1888, and he had now to ask the Meeting to appoint some gentleman to preside over them until the President for the ensuing year was elected.

In accordance with notice of motion, it was—

Proposed by Javerilal Umiashankar Yajnik, Esq.—

"That the Hon'ble Mr. Rahimtula Mohamed Sayani be requested to take the chair."

* Did not attend until after the voting for Members of the Standing Committee.

The motion was seconded by Narotamdas Govardhandas, Esq., and *carried.*

By direction of the President, the Municipal Secretary called over the roll of Councillors.

The minutes of the meeting held on the 25th and 27th ultimo, were signed.

Notices of intention to propose that Mr. Grattan Geary be appointed President of the Corporation for the year 1889-90, had been received from Rao Saheb Vishvanath Narayan Mandlik, C.S.I. (to be seconded by Mr. Dosabhai Framji, C.S.I.), and from Captain Sir Henry Morland, Kt. (to be seconded by the Hon'ble Mr. Pherozesha M. Metha).

In the absence, on account of illness, of Rao Saheb Vishvanath Narayan Mandlik, it was—

Proposed by Dosabhai Framji, Esq.—

"That Mr. Grattan Geary be elected President of the Municipal Corporation of Bombay for the year 1889-90."

Sir Henry Morland seconded the motion which the President declared to be *carried* with acclamation, with one dissentient.

Mr. Geary having taken the chair returned his thanks for the honor thus conferred on him by the Corporation.

In accordance with notice of motion, it was—

Proposed by Major H. O. Selby, seconded by Thomas Blaney, Esq.—

"That the Corporation places on record its sense of the ability, courtesy and fairness with which the Hon'ble Mr. Rahimtula Mohamed Sayani has performed the important duties of President during the past year."

Carried with acclamation.

The election of eight members of the Standing Committee was proceeded with.

Proposed by K. M. Shroff, Esq., seconded by Bomonjee Pestonjee Master, Esq.—

"That, under the provisions of the Rules and Government Notification, Messrs. R. P. Brunton, Sorabji Navaroji Cooper and J. W. Smith be appointed Scrutineers to assist the Municipal Secretary in examining the voting papers recorded this day."

Carried.

The ballot was commenced at 3-25 o'clock P.M., and closed at 4 P.M. At 5-15 o'clock the Municipal Secretary and Scrutineers presented the following report :—

BOMBAY, *4th April* 1889.

TO THE PRESIDENT, MUNICIPAL CORPORATION.

SIR,—We have the honor to report that we have this day made a scrutiny of the ballot papers presented for the election of members of

the Standing Committee, and that the votes recorded in the papers are as under :—*

		Votes.
1.	Abdula Moherali Dharamsi, Esq.	29
2.	Thomas Blaney, Esq.	34
3.	Cowasjee Hormusjee, Esq.	43
4.	Dosabhai Framji, Esq., C.S.I.	52
5.	J. F. Fernandez, Esq.	20
6.	Grattan Geary, Esq.	27
7.	Jamshedji Palanji Kapadia, Esq.	14
8.	Javerilal Umiashankar Yajnik, Esq.	41
9.	K. M. Shroff, Esq.	36
10.	Kaikhosro Nowroji Kabraji, Esq.	41
11.	Sir Henry Morland, Kt.	29
12.	Muncherjee Nowrojee Banajee, Esq.	34
13.	Nanabhoy B. Jeejeebhoy, Esq.	27
14.	Narotamdas Gordhandas, Esq.	4
15.	Raghunath Narayan Khote, Esq., C.I.E.	15
16.	Rastamji Nasarvanji Khory, Esq.	12
17.	Major H. O. Selby	27
18.	Rao Saheb Vasudev Jagannath Kirtikar	8
19.	Rao Saheb V. N. Mandlik, C.S.I.	11

We have, &c.,

H. W. BARROW,
Municipal Secretary.

SORABJI NAVAROJI COOPER,
R. P. BRUNTON,
JAMES W. SMITH,
Scrutineers.

The President having read the report, declared the following gentlemen duly elected members of the Standing Committee, giving his casting vote for Sir Henry Morland as eighth member :—

1 MR. DOSABHAI FRAMJI.
2 MR. COWASJEE HORMUSJEE.
3 MR. JAVERILAL UMIASHANKAR YAJNIK.
4 MR. KAIKHOSRO N. KABRAJI.
5 MR. K. M. SHROFF.
6 MR. THOMAS BLANEY.
7 MR. MUNCHERJEE NOWROJEE BANAJEE.
8 SIR HENRY MORLAND.†

The President, with the consent of the Meeting, gave priority to item No. 5 (return of attendance of Members).

Proposed by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Hurkisondas Narotumdas, Esq.—

"That the return of Meetings of the Corporation and of the Committees thereof from 1st April 1888 to 31st March 1889, and of the attendance of Members thereat, now laid before the Coporation, be *recorded*."

Carried.

* One paper is void as containing writing which can be identified, and in accordance with the rules the votes in the paper have not been counted.

† Sir Henry Morland and Mr. Abdula M. Dharamsi were ties.

RETURN of Meetings of the Corporation between 1st April 1888 and 31st March 1889, and the attendance of Councillors thereat.

	Meetings held.	Meetings convened, but postponed for want of quorum of Members.
Quarterly and Adjourned Quarterly Meetings	10	.....
Special and Adjourned Special Meetings	17	7
Meetings and Adjourned Meetings	29	2
Attendances for presentation of addresses to the Marquesses of Lansdowne and Dufferin	2	.....
Total...	58	9

Note.—Besides these Meetings, there were seventeen adjournments of them appearing from time to time on the agenda paper, but the adjournments so set down were not reached on the days for which they were fixed.

COMMITTEE MEETINGS.

1.	Municipal Bill, No. IV. of 1888	1	.....
2.	Bombay Extension Committee's Report	1	.....
3.	Bullocks of the Health Department—Mortality amongst	1	.....
4.	Tansa Works and other Loan—Period for repayment of	2	.....
5.	Addresses—Preparation of	2	1
6.	Roads and Streets improvement	2	.....
7.	By-laws of the Joint Schools' Committee	2	1
8.	Rules and Regulations at Meetings of the Corporation—Revision of	.....	1
9.	Saving life in times of epidemic	2	1
	Total.....	13	4
	GRAND TOTAL.....	71	13

RETURN of Meetings of the Corporation between 1st April 1888 and 31st March 1889, and of the attendance of Councillors thereat.

NAMES.	Attendance at Meetings, held or convened, 1888-89.	Attendance at Committee Meetings, held or convened, 1888-89.	Total.	Remarks.
The Hon'ble Mr. Rahimtula Mohamed Sayani, M.A., LL.B., *R* (A Ward) *President*	67	2	69	
Abdulla Meherally Dharamsi, Esq., B.A., LL.B., *R* (B Ward)	19	1	20	
Arnott, J., Surgeon-Major, M.D., C.M., *J* [a]	14	1	15	(*a*) Dr. Arnott left for Europe on 31st July 1888, and returned 30th October 1888.
Bhaishankar Nanabhai, Esq., *J*	5	0	5	
Blaney, Thomas, Esq., *J*	64	13	77	
Bomonjee Pestonjee Master, Esq., *R* (C Ward)	12	1	13	
Byramjee Nusserwanjee Servai, Esq., *R* (E Ward)	57	1	58	
Cornforth, J. P., Esq., *G* [b]	4	0	4	(*b*) Mr. Cornforth resigned on 29th September 1888 on proceeding to Europe, and was succeeded by Mr. M. R. Wyer—*vide* Government Resolution No. 4417, dated 12th December 1888, General Department.
Cotton, G., Esq., *J* [c]	24	2	26	
Cowasjee Hormusjee, Esq., G.G.M.C., *R* (C Ward)	47	2	49	
Damodar Tapidas, Esq., *G*	29	1	30	
Damodar Thakersi Mulji, Esq., *R* (C Ward)	31	0	31	(*c*) Mr. Cotton left for England on 7th August 1888, and returned on 5th November 1888.
DeSouza, Phillip Clement, Esq., L.M., *J*	23	1	24	
Dosabhai Framji, Esq., C.S.I., *J*	41	3	44	
Duxbury, J. R., Esq., *R* (A Ward)	61	4	65	
Eknath Raghunath Narayan Khote, Esq., *R* (E Ward)	60	1	61	
Fazulbhoy Visram, Esq., *R* (B Ward)	36	0	36	
Freeborn, Edwin Richard, Esq., *R* (E Ward)	28	0	28	
Geary, Grattan, Esq., *R* (B Ward)	54	3	57	
Gilbert, Reginald, Esq., J. P., *G* [d]	26	1	27	(*d*) Mr. Gilbert was nominated by Government under their Resolution No. 2387, General Department, dated 10th July 1888, *vice* Sir Frank H. Souter, deceased.
Gubbay, A. M., Esq., *G*	47	5	52	
Hormusjee Dadabhoy, Esq., *J*	11	0	11	
Hurkissondas Narotumdas, Esq., *R* (A Ward)	25	0	25	
Jalbhoy Ardaseer Sett, Esq., *R* (B Ward)	28	0	28	
Sir Jamsetjee Jejeebhoy, Bart., C.S.I., *G*	16	0	16	
Jamshedjee Pallonjee Kapadia, Esq., *R* (D Ward)	53	1	54	
Javerilal Umiashankar Yajnik, Esq., *J*	63	3	66	
Jehanghir Byramjee Murzban, Esq., *J*	21	0	21	
Jehanghir Cowasjee Jehanghir, Esq., *J*	6	0	6	
Kaikhusro Nowroji Kabraji, Esq., *J*	47	0	47	
Karsandas Vallabhdas, Esq., *G*	32	1	33	
Kashinath Trimbak Telang, The Hon'ble Mr., C.I.E., *R* (D Ward)	4	0	4	

NAMES.	Attendance at Meetings, held or convened, 1888-89.	Attendance at Committee Meetings, held or convened, 1888-89.	Total.	Remarks.
Kavasji Dady Limji, Esq., *J.*	44	1	45	
King, Harold R., Esq., *G*	20	3	23	
K. M. Shroff, Esq., *R* (A Ward)	57	3	60	
Mahomed Hussein Hakim, Esq., *G*	44	1	45	
Martin, Gerald W., Major, *G* ...*e*	22	2	24	(*e*) Major Martin resigned his seat (*vide* his letter of 7th January 1889) before proceeding on furlough.
Merewether, G. L. C., Colonel, R.E., *G*	56	4	60	
Mirza Hussein Khan, Esq., *G*	14	0	14	
Morland, Captain Sir H., Kt., H.M.I.M., F.R.G.S., F.R.A.S., Assoc. I.C.E., *G* ...*f*	40	2	42	(*f*) Sir Henry Morland was unable to attend meetings from 12th August 1888 until 7th January 1889, on account of serious injuries sustained by him in August.
Mulji Bhawanidas Barbhaya, Esq., *R* (D Ward)	24	1	25	
Muncherjee Cowasjee Murzban, Khan Bahadur, Assoc. M.I.C.E., *J*	32	4	36	
Muncherjee Nowrojee Banajee, Esq., *R* (E Ward)	46	1	47	
Nanabhoy B. Jeejeebhoy, Esq., *R* (F Ward)	21	0	21	
Naoroji Beiramji Suntook, Esq., *R* (C Ward)	54	1	55	
Narayen Ganesh Chandavarkar, Esq., B.A., LL.B., *R* (E Ward)*g*	42	7	49	(*g*) Mr. Narayan G. Chandavarkar was elected on the 25th April 1888 by rate-payers in succession to Dr. Peterson.
Nuzzer Mohommed Futehally, Esq., *R* (C Ward)	18	0	18	
Peterson, P., Esq., M.A., D.Sc., *R.* (E Ward) ...*h*	0	0	0	(*h*) Dr. Peterson was appointed on the 12th December 1887, and resigned on 4th April 1888, and was succeeded by Mr. N. G. Chandavarkar.
Pherozeshah Merwanjee Mehta, The Hon'ble Mr., *J*	25	2	27	
Portman, A. B., Lieut.-Colonel, *J*	16	0	16	
Purshotumdas Munguldas Nathubhoy, Esq., *R* (G Ward)	44	1	45	
Raghunath Narayan Khote, Esq., C.I.E., *R* (D Ward)	48	2	50	
Rehemubhai Allana, Esq., *R* (B Ward)	7	0	7	
Rustomjee Dhunjeebhoy Sethna, Esq., B.A., LL.B., *G*	18	2	20	
Rastamji Nasarvanji Khory, Esq., M.D., M.R.C.P. (London), *R* (D Ward)	28	3	31	
Selby, H. O., Major, R.E., *G*	38	5	43	
Shivaji Dhumaji, Esq., *R* (E Ward)	63	3	66	
Souter, Sir Frank H., Kt., C.S.I., C.I.E., *G* ...(*j*)	5	0	5	(*j*) Sir Frank died on 5th June 1888, and was succeeded by Mr. R. Gilbert.
Tribhowandas Munguldas Nuthoobhoy, Esq., *R* (C Ward)	49	1	50	
Tribhowandas Vurjeewandas, Esq., *R* (C Ward)	26	1	27	
Uloth, H. Wilmot, Esq., *G* ...*k*	19	2	21	(*k*) Mr. Uloth left for Europe on 21st September 1888, and returned on 26th November 1888.
Underwood, C. F., Esq., M.D., F.R.M.S., *R* (A Ward)	14	0	14	
Vandrawundas Purshotumdas, Esq., *R* (B Ward)	32	1	33	
Venayekrao Ramchunder Luxumonjee, Esq., *R* (D Ward)	9	0	9	
Vishvanath Narayan Mandlik, Rao Saheb, C.S.I., M.R.A.S., F.R.G.S., F.S.S. (London.) *J*	12	0	12	[1889.
Waters, G., Surgeon-Major, L.R.C.S., L.R.C.P., *G* ...*l*	42	1	43	(*l*) Surgeon-Major Waters left for Europe, 8th March
Wyer, M. R., Esq., *G* ...*m*	5	0	5	(*m*) Nominated by Government under their Resolution No. 4617, dated 12th December 1888.

TOWN COUNCIL, NOW STANDING COMMITTEE.

Meetings held during the year were :—

Town Council's and Standing Committee's Meetings	52
Adjourned and Special Meetings	2
Total	54

Committees.

Audit	33
Compensation for land taken up for street improvement	1
Finance	2
Works	1
Malabar Hill and Bhandarwada (John Hay Grant) Reservoirs, Leakage of	5
Attendances for signing Cheques	140
„ „ signing Addresses	2
Total	184

Attendance at Town Council and Standing Committee Meetings.

NAMES.	Attendance at Meetings of Council & Standing Committee.	Attendance at Committees, including Cheque signing, &c.	Total.	Remarks.
Dosabhai Framji, Esq., C.S.I., *Chairman, C*	39	11	50	
Cowasjee Hormusjee, Esq., G.G.M.C., *C*	52	17	69	
Javerilal Umiashankar Yajnik, Esq., *G*	54	22	76	
Colonel G. L. C. Merewether, R.E., *G*.....	54	64	118	
Captain Sir Henry Morland, Kt., F.R.G.S., F.R.A.S., Assoc. I.C.E., *G*.....	40	41	81	Sir Henry Morland was unable to attend from 12th August 1888 to 7th January 1889, on account of accident as above.
Muncherjee Nowrojee Banajee, Esq., *C*.....	49	20	69	
Nanabhoy B. Jeejeebhoy, Esq., *C*.....	47	3	50	
Raghunath Narayan Khote, Esq., C.I.E., *G*	53	27	80	
The Hon'ble Mr. Rahimtula Mohamed Sayani, M.A., LL.B., *C*	47	14	61	
Major H. O. Selby, *C*	17	10	27	Major Selby was elected on 5th July 1888 in place of Sir Frank H. Souter, Kt.
Sir Frank H. Souter, Kt., C.S.I., C.I.E., *C*	4	.....	4	Sir Frank H. Souter died on 5th June 1888.
Rao Saheb Vishvanath Narayan Mandlik, C.S.I., *C* ...	16	8	24	
Surgeon-Major G. Waters, L.R.C.S., L.R.C.P., *C*	50	7	57	Surgeon-Major Waters left for Europe on 8th March 1889.

BOMBAY, 4*th April* 1889.

H. W. BARROW,
Municipal Secretary.

Read the following :—

BOMBAY, 1*st March* 1889.

TO THE MUNICIPAL CORPORATION,

Bombay.

We, the undersigned owners and occupiers of properties in Karelwady, Thakurdwar Lane, in Merwanjee Framjee Panday Street, beg to append herewith, for your perusal, a copy of the correspondence noted in the margin, and had between us and the Municipal Commissioner on the subject of a stable which one Kaikhusro Meherban Iranee is building on the north side of the said lane, which, we submit, he ought not to be allowed to do, on the various grounds mentioned in the said correspondence.

You will see from that correspondence that our objection to the said building is based, among others, on the following grounds, *viz.* :—

1. The building coming in such close proximity to the houses on the other, that is northern side of the lane (such lane being 15 feet wide only), as to be objectionable to those houses on sanitary grounds.

2. The nuisance inseparable from the avowedly intended use of the building as a stable, *i.e.*, nuisance in its twofold aspect of injury to the health and comfort of the vicinity, and danger to property in case of hay, which will necessarily be stored in the stable, taking fire, a contingency which, we submit, is only rendered more probable by the unfortunate habit of the people to throw about lighted beedies. So little regard seems to have been paid to this contingency that not even a small passage has been left on either side of the stable to allow of the operation of fire brigade on the happening of such an event.

3. The belief of the inhabitants of the street that the lane was taken over by the Municipality, a belief created by the action of that body when a few years ago on an application to them to take up the road, they (the Municipality) as a condition for their so doing required the owners of the houses to metal the road, which they did at their own expense through the Municipality.

4. The further action of the Municipality in compelling some of the owners in this lane a few years ago on their applications for permission to build houses on the north side of the gully to leave set-backs of 9 feet so as to increase the width of the gully, originally 15 feet, to 24 feet.

Amongst the instances of set-backs mentioned in head 4 as enforced by the Municipality, we may mention (1) the case of Dhunjeebhoy Framjee Cookuna as per his application for building filed in the office of Municipal Commissioner in August 1879 under Nos. 645 and 689 and (2) the case of Merwanjee Dadabhoy as per his application for building, dated August 1877, and filed under No. 473 of 1877. The latter building is quite contiguous to the stable complained of on the west side thereof.

We would respectfully submit that the house owners of the street would not have metalled the street, but for the express promise held out to them that the Municipality was going to take it up and widen it, nor would the Municipality have enforced the set-backs except in furtherance of the intention then entertained of taking up the street,

nor further, we would add, would such set-backs be willingly consented to by the owners concerned except on the understanding above indicated. Be that, however, as it may, we would further submit with all deference that the position now taken by the Municipality in allowing the building in question is, in view of all the circumstances of the case, not only unfair and unjust to the house owners who have been induced to pay for the metalling of the street and to leave set-backs as aforesaid, but also seem to point to a differentiation, which, we know, nothing is further from the intention of the Municipal Commissioner to make, but which, we regret to say, would nevertheless be the result of the action of the Municipality in this case, between the persons who have been compelled to set back and the individual whose action is now complained against.

We therefore beg of you most earnestly to consider this case in all the various aspects presented by it and to issue speedy orders for the stoppage of the building complained of, and to take early steps to take over the street in fulfilment of the promise held out to us in former years.

We are also informed that two or three other persons have already applied for and obtained, and several other persons are about to apply for, permission from the Municipal Commissioner to build similar stables on the north side of the said lane. We need hardly say that the objections now urged by us apply to these intended buildings in a greater degree in consequence of the increasing number of stables in the said lane, and we therefore pray for your speedy interposition in the matter, and considering that the street contains about 2,000 inhabitants whose life, health and property are brought in jeopardy by buildings like those complained of, we have every confidence that you will act in the matter with that sense of responsibility which the nature of the case imposes.—We have, &c., DINSHAW COWASJEE POCHKHANAWALA, NANABHOY MANECKJEE GAZDER (and 53 others).

Proposed by Dosabhai Framji, Esq., seconded by J. R. Duxbury, Esq.—

"That the following be referred to the Municipal Commissioner for favour of remarks :—

'Letter, dated 1st March 1889, from Mr. Dinshaw Cowasjee Pochkhanawalla and others, complaining of the erection of a stable by one Kaikhushroo Meherban Iranee in the vicinity of their properties situated in Karelwady, Thakurdwar Lane, and asking that the street in question may be taken over by the Municipality.'"

Amendment, moved by Bomonji Pestonji Master, Esq., seconded by K. M. Shroff, Esq.—

"That the Municipal Commissioner be requested to report within one month on this letter."

The amendment was *carried* by 20 votes *against* 12.

The motion, as thus amended, was passed as the substantive proposition by 20 votes *against* 7 as follows :—

No. 50. "That the Municipal Commissioner be requested to report within one month on letter, dated 1st March 1889, from Mr. Dinshaw Cowasjee Pochkhanawalla and others, complaining of the erection of a stable by one Kaikhushroo Meherban Iranee in the vicinity of their properties situated in Karelwady, Thakurdwar Lane, and asking that the street in question may be taken over by the Municipality.".

Proposed by Cowasjee Hormusjee, Esq., seconded by E. F. Underwood, Esq.—

No. 51. "That a Committee, consisting of the following gentlemen, be appointed to consider and report on the Fire Brigade, as to what they consider the best organization, establishment and scale of pay for the brigade. The Committee to have power to call for Municipal persons and papers and to take professional opinions :—

MAJOR H. O. SELBY, R.E., *Chairman*; MR. E. B. CARROLL;* MR. T. BLANEY; MR G. COTTON; KHAN BAHADUR MUNCHERJEE C. MURZBAN; COLONEL MEREWETHER, R.E.; MR. DOSABHAI FRAMJI, C.S.I."

Carried.

Proposed by K. M. Shroff, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 52. "That a Committee, consisting of the following gentlemen, be appointed to investigate into the causes of the heavy mortality amongst bullocks belonging to the Health Department, and to report on the same, suggesting remedies, if any, calculated to prevent this periodical loss of live stock :—

Mr. THOMAS BLANEY; Mr. JAVERILAL UMIASHANKAR YAJNIK; COLONEL MEREWETHER; Mr. VANDRAWUNDAS PURSHOTUMDAS; Mr. J. R. DUXBURY; Mr. K. M. SHROFF.

"That Mr. K. M. Shroff be appointed Chairman of the Committee, and that the report be presented within three months."†

Carried.

---

* The name of Sir Henry Morland was included in the list, but Sir Henry asked that he might be excused from serving. On the proposal of Mr. Cowasjee Hormusjee, the name of Mr. Carroll was inserted in place of that of Sir Henry.

† The last para. was proposed by Mr. Thomas Blaney, seconded by Mr. Abdula M. Dhalamsi, and by Mr. Bomonji P. Master, and was accepted as part of the original motion.

Proposed by Meherjibhai Rastamji Setna, Esq., seconded by Jamshedji Khursedji Kama, Esq.—

No. 53. "That a Committee, consisting of the following gentlemen, be appointed to report to the Corporation (1) the most desirable method of giving effect to the schemes for making and widening streets as already decided upon; (2) the position in which new streets are most needed and the width of such thoroughfares; and (3) the best means of providing the funds required for carrying out such improvements:—

MAJOR H. O. SELBY, *Chairman*; KHAN BAHADUR MUNCHERJI C. MURZBAN; Mr. RAGHUNATH NARAYAN KHOTE; Mr. J. R. DUXBURY; Mr. T. BLANEY; SIR HENRY MORLAND; Mr. FAZULBHOY VISRAM; Mr. HURKISONDAS NARROTUMDAS; Mr. COWASJEE HORMUSJEE; DR. R. N. KHORY; Mr. BYRAMJI N. SERVAI; Mr. J. F. FERNANDEZ. *

With power to add to their number. Three members to form a quorum. The Committee to have full powers to require papers, call for information, &c., &c."

Carried.

Proposed by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Shivaji Dhurmaji, Esq.—

No. 54. "That a Committee of the following gentlemen be appointed to revise the existing rules of procedure and standing orders of the Corporation. The Committee to have power to call for Municipal persons and papers, and to consult the Municipal Solicitors. Four to form a quorum. The Committee to be at liberty to make any suggestions they think desirable in the interests of the Corporation.

"The Corporation desire the Committee carefully to consider the whole question and amongst other things, the procedure to be adopted for asking questions and obtaining answers after due notice and without debate; whether it would or would not be better to alter the procedure regarding amendments to original propositions; whether it would or would not be desirable for the Corporation to be able to go into Committee of the whole Corporation on any

* The last six names were added on the motion of Mr. A. G. Viegas, seconded by Mr. Rahimtula Khairaz.

matter by a simple notice, 'that the President do now leave the chair.'

THE PRESIDENT (*to be Chairman of the Committee*); THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI; Mr. THOMAS BLANEY; SIR H. MORLAND; RAO SAHEB V. N. MANDLIK; THE HON'BLE MR. P. M. MEHTA; COLONEL MEREWETHER; Mr. A. M. DHARAMSI; Mr. N. G. CHANDAVARKAR; Mr. A. M. GUBBAY; Mr. REGINALD GILBERT; MAJOR SELBY; and Mr. T. B. KIRKHAM."

Carried.

Proposed by Abdulla Meheralli Dharamsi, Esq., seconded by Dinshaw Eduljee Wacha, Esq.—

No. 55. "That the following Committee be appointed to consider the whole question of saving life in times of epidemic :—

THE HON'BLE MR. PHEROZESHAH M. MEHTA, *Chairman*; Mr. THOMAS BLANEY; Mr. NARAYAN G. CHANDAVARKAR; DR. RASTAMJI N. KHORY; KHAN BAHADOOR M. C. MURZBAN; Mr. COWASJEE HORMUSJEE; and DR. ARNOTT."

Carried.

In accordance with notice, Mr. T. B. Kirkham called attention to the defective regulation of persons affected with leprosy which at present exists in Bombay, and moved—

No. 56. "That the Municipal Commissioner be requested to report what additional powers, if any, are required by the Health Department to enable it to deal effectively with the evil."

The motion was seconded by Surgeon Major Arnott.

Amendment, moved by Bomonjee Pestonjee Master, Esq., seconded by Nowrojee Beiramjee Suntook, Esq.—

"That Government be requested to take legislative action authorising the police to remove lepers to an asylum to be built and maintained by the Corporation."

On a division, the amendment was *lost*.

The original motion was *carried* by 39 votes *against* 3.

The Corporation adjourned, and the President fixed Monday, 8th instant, at 3 P. M., for the adjourned meeting.

BOMBAY, 8*th April* 1889.

AT the adjourned Meeting of the Corporation (originally called for the 4th instant, and adjourned from that day) held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

J. S. ALSTON, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODHAR THAKERSI MULJI, Esq.; DINSHA EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq.

C.S.I.; J. R. DUXBURY, Esq.; J. F. FERNANDEZ, Esq.; FRAMJEE DORABJEE DIVECHA, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAVERILALUMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.

* The CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

A letter was received on behalf of Mr. Rahimtula Khairaz apologizing for that gentleman's non-attendance on the ground of his having proceeded to Kathiawar.

As the minutes of the last Meeting had not been printed, the question of their being signed was postponed till next Meeting.

In accordance with notice, Mr. T. B. Kirkham moved—

No. 110. "That, pending the consideration of the By-laws and Budget of the Joint Schools' Committee, the arrangements of last year, *viz.*, 1888-89, be continued, so that the old system and payments may go on in all respects until the new one is ready to take its place."

Mr. Dosabhai Framji seconded the above motion.

Mr. Cowasjee Hormusjee raised the point of order, under No. 20 of the Rules for the conduct of business that this proposition was out of order, the Corporation having on the 4th March last decided that the consideration of the Budget of the Joint Schools' Committee be adjourned until the By-laws of the Committee are approved by the Corporation and have been submitted to Government.

Mr. Kirkham, under No. 11 of the Rules, was allowed to speak to the point of order, and contended that the motion was perfectly in order.

The President ruled that the motion was in order. The first resolution had reference to the Budget of the Joint Schools' Committee, but the present motion did not purpose in any way to interfere with the resolution already passed. The present point was, what was to be done with the schools, pending the time when the permanent arrangements are taken into consideration, and related not to what has been, but what has to be, decided.

On a division, there were 17 votes *for*, and 9 votes *against*, the motion which was *carried*.

BOMBAY, 15*th April* 1889.

AT the meeting of the Corporation held this day, there were present :—

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HORMUSJEE DADABHOY, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JALBHOY ARDASEER SETT, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHOY, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R.E.; SHIVAJI DHARMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; and the MUNICIPAL SECRETARY.

In the absence of the President, it was proposed by Dosabhai Framji, Esq., seconded by Colonel Merewether, and *carried*, that Sir Henry Morland be appointed Chairman of this meeting.

The minutes of the meeting and the adjourned meeting held on the 4th and 8th instant, were signed.

A letter was received apologizing for non-attendance of Mr. Nansey Khyraz as he is away in Kathiawar.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 36, dated 3rd instant, sanction be given to the following arrangements regarding the building of the new Municipal Office.

"To the following payments to the debit of the Building Fund as under :—

		Rs.	a.	p.
(*a*)	Percentage now due to Mr. Stevens, architect, for preparing preliminary sketches, designs, general drawings (plans, elevations and sections), approximate estimate and description of the new Municipal buildings, at the rate of 1¾ per cent on Rs. 9,76,350, the amount of the approximate estimate	17,086	2	0
	Do. due in September, *viz.* 1½ per cent. for bills of quantities and detailed estimates	14,645	0	0
	Balance of Fees (Rs. 31,731-6-0), being 3¼ per cent. on estimates ; 11 instalments during this year at Rs. 755-8-0 per mensem	8,310	8	0
(*b*)	To the employment of the necessary subordinate establishment for the estimated period of 42 months at Rs. 523 per mensem, of which 11 instalments for the current year amount to	5,753	0	0
	Extra contingencies for printing, stationery, hoarding, &c., Rs. 2,000, of which half provision required in the current year	1,000	0	0
	Total... Rs.	46,794	10	0

(*c*) To the payment of such sums towards cost of construction as may be required from time to time during the current year not exceeding in all 3¼ lakhs out of the sanctioned estimate of Rs. 9,76,350.

"That a corresponding proportion of the Municipal Building Fund investment be appropriated to meet the above Budget grants."

Rider, moved by Reginald Gilbert, Esq., to the original motion :—

"That the Corporation will be prepared to consider any recommendation which the Standing Committee may make for the settlement of the claim now understood to have been put forward by Government for ground rent for the site of the new Municipal Office."

The Chairman expressed the opinion that this rider was not in order.

Amendment, moved by Hormusjee Dadabhoy, Esq., seconded by Dinsha Eduljee Wacha, Esq.—

"That the consideration of the first item on the list of business be deferred until the Corporation are in full possession of the facts relating to the several sub-items comprised in the charges."

No. 151.

The following *rider*, moved by Major Selby, was, with the permission of the Chairman and the consent of the meeting, accepted by the mover of the original motion :—

"That the Standing Committee do report, as soon as possible, the estimated total cost of the scheme for Municipal Office, including land, architect's fees, establishment, fittings, electric lighting, fire service, furniture, and all other charges that can be foreseen."

On a division, the amendment proposed by Mr. Hormusjee Dadabhoy was carried by 22 votes *against* 13.

It was then *carried* as the substantive proposition by 21 votes *against* 14.

BOMBAY, *25th April* 1889.

AT the adjourned Meeting of the Corporation (originally called for 15th instant, and adjourned from that day), held this day, there were present :—

J. S. ALSTON, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq., FAZALBHOY JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq.; REGINALD GILBERT, Esq.; HASAMBHAI VISRAM, Esq.; HORMUSJEE DADABHOY, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJFE JEJEEBHOY, BART., C.S.I.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 15th instant, were signed.

In the absence of the President, it was proposed by J. R. Duxbury, Esq., seconded by Mirza Husein Khan, Esq., and *carried*—

"That Sir Henry Morland be appointed Chairman of this meeting."

With the consent of the majority of the members, the Chairman gave priority to notice of motion from Mr.

Thomas Blaney, on the subject of the Joint Schools' establishment, &c.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Pherozshah M. Mehta—

No. 214.

"1. That the Corporation proceed forthwith to elect a competent Secretary for the Joint Schools' Committee, and that the salary of such Secretary shall be Rs. 250 per mensem.

"2. That the Joint Schools' Committee be authorized to engage two clerks for the Committee on a monthly salary of Rs. 30 each, two messengers on Rs. 10 each; and that a grant for stationery and contingencies at Rs. 20 per mensem be passed.

"3. That the Joint Schools' Committee be authorized to engage office accommodation for the Committee on a monthly rent not exceeding Rs. 100, and to provide office furniture at a cost not exceeding Rs. 750.

"4. The grant, as now passed, will be—

	Per annum. Rs.
Salary of Secretary	3,000
,, of two clerks...	720
,, of two messengers	240
Contingencies and stationery	240
Office rent	1,200
Furniture	750
Total grant ...Rs.	6,150

"5. That the expenditure now sanctioned be included in the present year's Budget under the head of 'Joint Schools' Committee's Office and Establishment.'"

Mr. Viegas proposed that the word "forthwith" be omitted from the motion, and that provision be made for inviting offers for the post of Secretary, by issuing advertisements in the public newspapers.

This amendment was not seconded.

Mr. J. F. Fernandez moved that, "taking into consideration that an establishment is necessary, the salary of the two clerks be fixed, one at Rs. 35 and the other at Rs. 25 per mensem, so as to ensure subordination of one to another."

This amendment was not seconded.

In the course of discussion, the Chairman ruled that the original motion was in order.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Rao Saheb Vasudeo J. Kirtikar—

"That the consideration of the appointment of a Secretary for the Joint Schools' Committee be postponed until final arrangements are concluded with Government as to the schools to be taken charge of by the Committee and the precise functions of the Committee in relation to such schools are clearly defined."

On a division, there were 5 votes *for*, and 32 votes *against*, the amendment which was *lost*.

There were 38 votes *for*, and 4 votes *against*, the original motion which was *carried*.

In accordance with notice of motion, it was—

Proposed by Cowasjee Hormusjee, Esq.—

"That Mr. Nanabhoy Byramjee Masani be appointed Secretary to the Joint Schools' Committee."

Mr. Ollivant suggested that the point of order should be considered, namely, that, in the opinion of the Municipal Solicitors, the appointment must be made by the Commissioner."

After some discussion, the following words were, with consent, interpolated :—"with the approval of the Commissioner if such approval is required by law."

The motion, as thus amended, was as follows :—

"That, with the approval of the Commissioner if such approval is required by law, Mr. Nanabhoy Byramjee Masani be appointed Secretary to the Joint Schools' Committee."

The Municipal Secretary reported that written applications for the appointment, dated 20th and 24th instant, had been received from Mr. Nanabhai B. Masani and G. B. Laghate.

It was decided that the application of Mr. Leghate could not be read as it was not in order.

Amendment, moved by A. G. Viegas, Esq., seconded by Rao Saheb Vasudeo J. Kirtikar—

"That the consideration of the appointment of a Secretary to the Joint Schools' Committee be postponed, and that an advertisement be published inviting applications for the appointment."

On a division, there were 14 votes *for*, and 23 votes *against*, the amendment which was *lost*.

There were 25 votes *for*, and 5 votes *against*, the original motion, which was *carried*.

At 5 o'clock, the Corporation adjourned.

BOMBAY, 29*th April* 1889.

AT the Special Meeting of the Corporation, held this day, there were present :—

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; FAZALBHAI JUMABHAI, LALJI, Esq.; J. F. FERNANDES, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M.&S.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M I.C.E., MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GUNESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZSHAH MEHERWANJI MEHTA; LIEUT.-COLONEL A. B. PORTMAN; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VURJEEWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the HEALTH OFFICER; and the MUNICIPAL SECRETARY.

Sir Jamsetjee Jeejeebhoy proposed that Sir Henry Morland should take the chair, but as Sir Henry had given notice of his intention to propose a motion, it was agreed on the proposition of Narotamdas Goverdhandas, Esq., seconded by Rahimtula Khairaz, Esq.—

"That the Hon'ble Mr. Rahimtula Mohamed Sayani be appointed Chairman of this meeting."

Notes were received by the Municipal Secretary from Mr. Dosabhai Framji, C.S.I., and Mr. Byramjee Nusserwanjee Servai, apologising for non-attendance.

The signing of the minutes of the meeting held on the 25th instant, was postponed.

With the consent of the meeting, the Chairman gave priority to the notices of motion which had been received relative to the new Municipal Office building.

Proposed by Colonel Merewether, seconded by Shivaji Dhurmaji, Esq.—

"That the following payments to Mr. Stevens be made :—

"1. In accordance with sanction already given :

"Percentage now due for preparing preliminary sketches, designs, general drawings (plans, elevations and sections),

approximate estimate and description of the new Municipal buildings, at the rate of 1¾ per cent. on Rs. 9,76,350, the amount of the approximate estimate Rs. 17,086.

"Balance of fees, Rs. 31,731-6-0, being 3¼ per cent. on estimate, 11 instalments during this year, at Rs. 755-8-0 per mensem, Rs. 8,310-8-0.

"2. Further payment not yet sanctioned :

"Percentage which will be due on the delivery of bills of quantities and detailed estimate, say in September next, at 1½ per cent. on approximate estimate, Rs. 9,76,350, Rs. 14,645."

First amendment, moved by Reginald Gilbert, Esq., seconded by George Cotton, Esq.—

"That, with reference to Mr. Stevens' claim this Corporation authorises the remuneration to Mr. Stevens to be at the rate of Rs. 6½ per cent. on the works executed in full of all his fees whatever, including his claim for bills of quantites and detailed estimates, including his fees for measurements and making out extras and omissions, and that the same be paid in the following way, *viz.* 1¾ per cent. now, 1½ per cent., on delivery of detailed quantities and estimates, and the balance of 3¼ per cent. on the instalments paid to the contractor from time to time."

No. 238.

Rider, moved by Javerilal Umiashankar Yajnik, Esq.—

"In inviting contracts for the work of construction, one of the conditions of such contract should be to require the contractors to follow out the detailed specification of quantities."

The rider was accepted, and with the consent of the meeting was allowed to form part of the amendment.

Second amendment, moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Khan Bahadur Muncherjee C. Murzban—

"That, with reference to Mr. Stevens' claim, the Corporation authorise the remuneration to him at the rate of 5 per cent. on the works executed in full of all his fees whatsoever, including the claim for measurement for making out extras and omissions and that the same be paid in the following way, namely, 1¾ per cent., now ¾ per cent., on the delivery of the specifications and the balance of 2½ per cent. on the instalments paid to the contractors from time to time.

"2. That the consideration of the question of payment of 1½ per cent. for bills of quantities and detailed estimates be postponed until the Corporation has decided the mode in which the work of constructing the Municipal Hall is to be carried out."

Third amendment, moved by Narayan Gunesh Chandawarkar, Esq., seconded by Bhalchandra Krishna Bhatawadekar, Esq.—

"That the Corporation sanction the remuneration to Mr. Stevens at the rate of 5 per cent for—

"1. The requisite preliminary sketches, drawings and specifications sufficient for an estimate.

"2. Detailed drawings and estimates for execution.

"3. One set of tracings and duplicate specification.

"4. General Superintendence of works (exclusive of clerk of the works).

"5. Examining and passing the accounts exclusive of measuring and making out extras and omissions, and that a Committee consisting of Khan Bhahadur M. C. Murzban, Mr. D. E. Wacha, Mr. Narotamdas Govardhundas and Mr. Carroll,* be appointed to consider, in consultation with the Municipal Commissioner and Mr. Stevens, how the work not covered by the 5 per cent. remuneration, should be provided for and at what rates of remuneration.

"The Committee be requested to submit their report within 10 days from this date."

With the permission of the Chairman and the consent of the meeting, Colonel Merewether's motion was amended as follows :—

"That the following payments to Mr. Stevens be made :—

"1. In accordance with sanction already given :

"Percentage now due for preparing preliminary sketches, designs, general drawing (plans, elevations and sections), approximate estimate and description of the new Municipal buildings, at the rate of 1¾ per cent. on Rs. 9,76,350, the amount of the approximate estimate, Rs. 17,086.

"Balance of fees, Rs. 31,731-6-0, being 3¼ per cent. on estimate, Rs. 19,527, being 2 per cent. on detailed drawings and instructions, form of contract and specification being provided, and 1¼ per cent. from time to time as payments made to the contractor."

* The names of Colonel Merewether, Major Selby and Mr. Gilbert were at the request of those gentlemen withdrawn from the proposed Committee.

"2. Further payments not yet sanctioned :

"Percentage which will be due on the delivery of the bills of quantities and detailed estimate, say in September next, at 1½ per cent. on approximate estimate Rs. 9,76,350, Rs. 14,645."

The second amendment was *withdrawn* in favour of the third amendment.

On a division, the votes were *recorded* as under :—

	For.	*Against.*	
Third amendment	20	24	*Lost.*
First do.	25	21	
Do. as the substantive proposition	27	20	*Carried.*

At half-past 5 o'clock, the meeting was adjourned.

BOMBAY, 2*nd May* 1889.

AT an adjourned Special Meeting of the Corporation (originally called for the 29th ultimo, and adjourned from that day), held this day, there were present :—

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M.&S.; HURKISSONDAS NAROTUMDAS, Esq.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJI MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MEHERWANJI MEHTA; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; RAHIMTULLA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LLB.; G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

On the motion of Shivaji Dhurmaji, Esq., seconded by Narotamdas Govardhandas, Esq., the Hon'ble Mr. Rahimtula Mohamed Sayani was called to the chair.

The minutes of the Meeting held on the 25th ultimo, were signed.

The Chairman informed the Meeting that, under the terms of Section 36 (*l*), the Commissioner deemed it

expedient to ask the Corporation to consider and dispose of this day, as urgent business, a letter from himself on the subject of the architect's fees for designing and superintending the erection of the new Municipal Office building.

Major Selby raised the point of order that the Meeting would not be pledged to decide that the question was one of urgency, even if the letter in question was read.

The Chairman said that the reading of the letter would not bind the Meeting to proceed with the matter as one of urgency. It was now for the Meeting to decide whether they would have the letter read.

It was agreed that the letter be read.

The Municipal Secretary then read the following letter No. 2161, dated 2nd instant, as under :—

To the MUNICIPAL SECRETARY.

Sir,—Referring to the resolution of the Corporation, No. 238 of the 29th ultimo, on the subject of the architect's fees for designing and superintending the erection of the new Municipal Office building, and on the subject also of conditions of contract, I have the honour to forward copies of subsequent correspondence with Mr. Stevens, and to inquire—(1), whether I am correct in supposing that the remuneration at the rate of 6½ per cent. is to cover in full, all architectural services proper, but will not include fees (if any) for Mr. Stevens' services (should it be necessary to employ them) in determining disputes or in any litigation; (2), whether the second part of the resolution is meant to impose conditions other than those appropriate to all contracts, comprising schedule of rates and bill of quantities, and, if so, how this clause is to be interpreted, especially having regard to the fact that the contract for the foundations is already let on a schedule of rates, it having only been possible to arrive at an approximate estimate of quantities. As I am in doubt as to the correct interpretation of the resolution, and as it is necessary to give immediate effect to it, I have the honour to request that this matter may, if possible, be taken into consideration under Section 36 (*l*) of the Municipal Act at to-day's meeting of the Corporation, when other details connected with the same subject are under discussion.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

No. 1991 of 1889-90. Bombay, *30th April* 1889.

To F. W. STEVENS, Esq., C.I.E., F.R.I.B.A., &c.

Sir,—With reference to previous correspondence, I have the honour to forward, for your information, copy of a resolution passed by the Corporation yesterday, and to inquire whether you are willing to accept the arrangement therein proposed in complete remuneration for all

your services in designing and superintending the erection of the new Municipal buildings, including the preparation of bills of quantities, detailed estimates, and all work whatsoever, but exclusive, of course, of the cost of subordinate establishment.

Please favour me with an early reply.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

No. 32. BOMBAY, 1*st May* 1889.

E. C. K. OLLIVANT, ESQ., C.S., C.I.E.,
Municipal Commissioner, Bombay.

SIR,—With reference to your No. 1991 of 30th ultimo, and its accompaniment, I have the honour to state that I am not prepared to accept the terms of the resolution in its present form. I may here mention that I cannot understand how the proposer could have fallen into the mistake of stating that I had agreed to this compromise. I am naturally anxious to fall in with the views of the Corporation as far as possible, and in view of the resolution they have passed I am willing in accepting the 5 per cent. for the usual work and 1½ per cent. for the detailed estimates and quantities, to forego the following authorized additional charges :—

1. Procuring and examining tenders for the work, should I be asked to do so, the usual charge for which is 2½ per cent. 2. Arranging with artists, tradesmen, and others, either here or in England, for sculpture, stained glass, furniture, and so forth, for which I should not furnish designs, but should give general instructions and supervision, the usual charge for which is 2½ per cent. on the cost. There are, however, other contingent liabilities which I am not willing to undertake for the commission fixed upon, as from their indefinite nature they might make serious inroads on my time. They are as follows :—1. Attendance at Committee meetings, or my being called on to advise in connection with any disputes that may arise with the contractors. For this work my fee would be Rs. 30 per hour,—the amount paid by the Corporation on a former occasion when I was consulted. 2. Should there be any litigation hereafter with any of the contractors, my charge would likewise be Rs. 30 per hour for the time I may be engaged thereon. With regard to the concluding part of the Corporation's resolution, I venture to state that, if such a clause is introduced in the conditions of the contract, it will complicate matters, and will be disadvantageous to the interests of the Corporation. Moreover, it would be a most unusual and unheard-of condition, and no contractor would, in my opinion, agree to it. I would, therefore, respectfully suggest that the Corporation withdraw this condition. I may here mention that it is my intention to carry out the works in the manner that is usual in this country, and which I have found during an experience of 22 years to work so successfully. I trust, therefore, the Corporation will not hamper me with anything that is likely to impede the work, such as the condition alluded to.—I have, &c.,

F. W. STEVENS, Architect, Civil Engineer, and Surveyor.

Colonel Merewether moved, and Sir Henry Morland seconded—

"That the letter just read be considered as a matter of urgency, and that the Commissioner be heard on the point."

On a division, there were 20 votes *for* and 1 vote *against* the motion. As there was not a majority of three-fourths of the Councillors present, the matter could not have been treated as "urgent," but a poll was demanded by Captain Sir Henry Morland, Mr. Duxbury, Mr. Carroll, Colonel Merewether, and the Hon'ble Mr. Pherozeshah M. Mehta.

The Chairman appointed the Hon'ble Mr. Pherozeshah M. Mehta and Khan Bahadur Muncherjee C. Murzban as tellers *for* the motion.

Colonel Merewether and Mr. Carroll were appointed tellers *against* the motion.

The Chairman announced that there were 24 votes *for* and 4 votes *against* the motion, and that as 24 was more than three-fourths of the Councillors present, the matter could be considered as urgent.

DIVISION LIST.

Votes *for* the motion, 24.

J. S. ALSTON; BHAGWANDAS NAROTUMDAS; THOMAS BLANEY; E. B. CARROLL; GEORGE COTTON; J. R. DUXBURY; FAZALBHAI JUMABHAI LALJI; FRAMJI DORABJI DIVECHA; JAMSHEDJI KHARSHEDJI KAMA; KAIKHOSRO NOWROJI KABRAJI; K. M. SHROFF; MANEKJI BEHRAMJI DADABHAI; G. L. C. MEREWETHER; MIRZA HUSSEIN KHAN; SIR HENRY MORLAND; MUNCHERJEE COWASJEE MURZBAN; NAROTAMDAS GOVARDHANDAS; RAGHUNATH NARAYAN KHOTE; RAHIMTULA KHAIRAZ; RAHIMTULA MOHAMED SAYANI; H. O. SELBY; SHIVAJI DHURMAJI; ACCACIO GABRIEL VIEGAS.

Votes *against* the motion, 4.

BHALCHANDRA KRISHNA BHATAWADEKAR; DINSHAW EDULJI WACHA; LUCHMON SINGH; VASUDEO J. KIRTIKAR.

Proposed by Khan Bahadur Muncherjee Cowasjee Murzban, seconded by G. Cotton, Esq.—

No. 275. "That the Commissioner be informed, with reference to his letter No. 2161, dated this day, that the first part of the Corporation's Resolution No. 238, dated 29th ultimo, regarding the new Municipal Office building, is to be interpreted as conjectured by him, namely, that the 6½ per cent. commission is to cover all fees for profes-

1. Attendance at Committee Meetings or Mr. Stevens being called on to advise in connection with any disputes that may arise with the contractors. For this work, Mr. Stevens' fee would be Rs. 30 per hour, the amount paid by the Corporation on a former occasion.

2. Should there be any litigation hereafter with any of the contractors, the fee payable to Mr. Stevens will likewise be Rs. 30 per hour for the time his services are engaged thereon.

sional services, except such services, if any, as may possibly be required as per margin.

"2. That the second part of the resolution is intended to apply to future contracts and not to the one already let, and that, with regard to future contracts, it was not intended, of necessity, to imply a lump sum contract, but to prevent any important deviation from the specification, or from the detailed bill of quantities likely to cause a net excess on the approximate cubical estimate."

The motion was *carried* by 25 votes *against* 1.

In accordance with notice of motion, it was—

Proposed by E. B. Carroll, Esq., seconded by J. R. Duxbury, Esq.—

"That sanction be given to the provision for the necessary subordinate establishment required in the construction of the new Municipal Offices, at the rate of Rs. 523 per mensem for the estimated period of 42 months, of which 11 instalments for the current year amounting to Rs. 5,753 are now required; provided that no disbursement shall be made against the Budget grant except upon the architect's certificate that the charges have been actually incurred.

"That sanction be given for extra contingencies for printing, stationery, hoarding, &c., amounting to Rs. 2,000, of which half provision, Rs. 1,000, is required in the current year."

Amendment, moved by Khan Bahadur Muncherjee C. Murzban, seconded by Narotamdas Govardhandas, Esq.—

"That sanction be given from the commencement to the completion of the work as follows :—

Maistries at a cost not exceeding Rs. 180 per month.

Muckadams and Chowkidars at a cost not exceeding Rs. 48 per month.

A full time clerk of works who should give his undivided attention to the work on a salary not exceeding Rs. 350 per month."

Second amendment, moved by G. Cotton, Esq., seconded by Bhalchandra Krishna Bhatawadekar, Esq.—

"That, provided Mr. Stevens accepts the entire responsibility for the work, he be permitted to engage such

establishment as he may think necessary for the building of the new office at a cost not exceeding Rs. 550 per mensem, including printing, stationery, &c., during the current year."

Mr. Dinsha Eduljee Wacha moved that the consideration of the amendment moved by Khan Bahadur Muncherjee C. Murzban be postponed—a proposition which was *lost* by 19 votes *against* 9.

Amendment, moved by Dinsha Eduljee Wacha, Esq., seconded by Jamshedjee Kharshedjee Kama, Esq.—

"That sanction be given from the commencement to the completion of the work as follows :—

Maistries at Rs. 150 per month.

Muckadam and Chowkidars at a cost not exceeding Rs. 48 per month.

A full time clerk of works who should give his undivided attention to the work on a salary not exceeding Rs. 300 per month."

Mr. Viegas raised the point of order that Mr. Dinsha Edulji Wacha was out of order as he had just proposed a motion which had been *lost*.

The Chairman ruled that Mr. Dinshaw Edulji Wacha was in order, his first proposal having reference only to the question of adjournment.

Amendment, moved by Javerilal Umiashankar Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the subject of the employment of the subordinate establishment on the building of the new Municipal office be referred back to the Standing Committee for reconsideration with a view to obtaining the services of a full time clerk of works, but that the full amount now recommended by the Standing Committee is sanctioned in the meantime."

No. 276.

The *amendment*, moved by Mr. Javerilal Umiashankar Yajnik, was *carried nem. con.*

At about quarter-past 5 o'clock, the Corporation adjourned.

THE business of the adjourned Special Meeting (originally called for the 15th ultimo, and adjourned from the 25th idem), fixed for this day at 4 P.M., was not proceeded with as the above meeting lasted till 5-15 P.M.

BOMBAY, *6th May* 1889.

AT an adjourned Special Meeting of the Corporation (originally called for the 29th ultimo, and adjourned from 2nd instant), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

J. S. ALSTON, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; E. B. CARROLL, Esq., M.I.C.E., DINSHAW EDULJI WACHA, Esq.; FAZULBHOY VISRAM; Esq.; FRAMJI DORABJI DIVECHA, Esq.; L.M. & S.; A. M. GUBBAY, Esq.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHOY, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; CAPTAIN SIR HENRY MORLAND, KT. H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJI NOWROJI BANAJI, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHARMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the Special Meeting held on the 29th ultimo, were signed. The signing of those of the adjourned Special Meeting held on the 2nd instant, was postponed.

In accordance with notice of motion, it was—

Proposed by Sir Henry Morland (in reference to the new Municipal Office building)—

No. 295. "That sanction be given to the payment of such sums towards cost of construction as may be required from time to time during the current year, not exceeding in all 3¼ lakhs, out of the sanctioned estimate."

The motion was seconded by A. G. Viegas, Esq.

Amendment, moved by Dinshaw Edulji Wacha, Esq., seconded by Maneckji Behramji Dadabhoy, Esq.—

"That the figures 2¾ lakhs be substituted for 3¼."

On a division, there were 2 votes *for* the amendment, which was *lost*. The original motion was *carried*.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

No. 296. "That, of the sum of Rs. 9,76,350 sanctioned by the Corporation for the construction of the Municipal building, a corresponding portion, as now sanctioned and amounting in the aggregate to Rs. 3,71,794-10-0, or thereabout, be appropriated from the Building Fund Investment."

The motion was seconded by Narotumdas Govardhandas, Esq., and was *carried nem. con.*

In accordance with notice of motion, it was—

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by K. M. Shroff, Esq.—

"That, as recommended by the Standing Committee, the Corporation accept the terms mentioned in Government Resolution No. 1-M., P. W. Department, dated 21st April last, *viz.* to pay Rs. 40 per square yard for the additional 600 square yards, or thereabout, of land required, and to pay a ground rent of one anna per square yard on the whole area conveyed, on a lease of 999 years, the land being required for the site of the new Municipal Office building.

No. 297.

"In accepting these terms, however, the Corporation regret that Government have found it necessary to make any deviation as regards rate, or ground rent from the terms of the original grant, and hope that the acceptance of the terms now laid down will not prevent Government from giving a favorable consideration to such further representation on the subject as the Corporation may think fit to make."

Rider, moved by Kaikhosro Nowrojee Kabraji, Esq.—

"That the President be requested, in communication with the Commissioner, to submit the representation to Government forthwith."

This rider was accepted as part of the original motion which, as thus amended, was *carried.*

With the permission of the President and the consent of the Meeting, the following letter was read :—

May 4th 1889.

THE PRESIDENT, Municipal Corporation.

SIR,—I am about to proceed to England to recruit my health after a severe accident and shall be absent, from the 10th instant to the 20th November next, and consequently shall not, in the interim, be able to attend the meetings of the Corporation, the cause of which will, I trust, be approved by the Corporation as required under Section 17 (*b*) of the City of Bombay Municipal Act III. of 1888.—I am, &c., HENRY MORLAND.

Proposed by A. M. Gubbay, Esq., seconded by Shivaji Dhurmaji, Esq.—

"That, in accordance with the terms of Section 17 (*b*) of the Municipal Act, the Corporation approve of Captain Sir Henry Morland's absence until the 20th November next, to allow of his health being recruited."

No. 298.

Carried by 30 votes *against* 1.

In accordance with notice of motion, it was—

Proposed by A. G. Viegas, Esq.—

"1. That the Corporation be placed in possession of the facts relating to the Borbhat Lane case.

"2. That the system of the Borbhat Lane drainage be completed and put in working order without any further delay."

Mr. Viegas was referred to the proceedings of the Corporation, dated 7th May 1888, and to a letter sent to certain residents of Borbhat in accordance with the Corporation's Resolution of that date.

With the permission of the Meeting, the proposal was *withdrawn.*

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

"1. That the whole of the correspondence connected with the new building erected in Erskine Road be placed before the Corporation.

"2. That the Municipal Commissioner be requested to explain whether the site occupied by the building has passed out of the possession of the Corporation; the authority under which the Erskine Road footpath was reduced in width; the authority under which the building was put up; and the liability of the Corporation to provide building sites for police buildings."

The motion was seconded by Framji Dorabji Divecha, Esq.

The Commissioner said that before he left India on leave in 1887, he was in communication with the Commissioner of Police regarding the erection of a new police chowki in Erskine Road in place of the old and objectionable one. It appeared that the building plans were submitted and were passed in the usual way, though the question of the ownership of the land did not occur to the Engineer's Department, otherwise the sanction of the Standing Committee would have been applied for, as the site was the property of the Corporation. There is an ample roadway on each side of the new chowki, whilst pathways are now being provided of the standard width on both sides of the roadway.

Amendment, moved by Dinshaw Edulji Wacha, Esq., seconded by Manekji Behramji Dadabhai, Esq.—

"That the Corporation being satisfied with the explanation offered by the Commissioner with regard to the new building erected in the Erskine

No. 299.

Road, are of opinion that the whole correspondence connected with the matter need not be placed before the Corporation."

On a division, the amendment was *carried* by 11 votes *against* 7.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq., seconded by Rao Saheb Vasudev J. Kirtikar :—

"That, with reference to clause (*b*) of Section 348 of the Bombay Municipal Act, the Municipal Commissioner be requested to furnish the Standing Committee with a proposal for laying down lines of streets in the districts in which they are not already laid down, and for completing the work in a reasonable time."

At about half-past five, the meeting was adjourned. The President fixed Thursday, the 9th instant, for the holding of the adjourned meetings.

BOMBAY, 6*th May* 1889.

THE business of the adjourned Special Meeting (originally called for the 15th ultimo, and adjourned from the 2nd instant), fixed for this day, at 4 P.M., was not proceeded with, as the above meeting lasted until nearly 5-30 P.M.

BOMBAY, 9*th May* 1889.

AT an adjourned Special Meeting of the Corporation (originally called for the 29th ultimo, and adjourned from the 6th instant), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGVANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DINSHAW EDULJI WACHA, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; A. M. GUBBAY, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJEE KHARSHEDJEE KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Commissioner; the HEALTH OFFICER; and the MUNICIPAL SECRETARY.

A note was received from Sir Henry Morland apologizing for non-attendance.

Proposed by the President, seconded by Thomas Blaney, Esq.—

"That the Corporation with deep regret record their sense of the loss sustained in the death of Rao Saheb Vishvanath Narayan Mandlik, C.S.I., who for the last quarter of a century rendered distinguished services to the city, in the Bench of Justices, and in the Municipal Corporation. A leader of the native bar, a distinguished scholar and an eminent member of the Bombay Legislative Council, he was the first representative from this Presidency selected for the honour of a seat in the Legislative Council of India.

"2. That the Corporation also place on record their expression of deep regret at the death of Dr. Phillip Clement DeSouza, who also served in the Corporation for many years, and who took an intelligent interest in the sanitary progress of the city.

"That, as a mark of respect to the memories of the two deceased members, the Corporation do now adjourn without proceeding to the transaction of business."

The President fixed Monday, the 13th instant, at 3-30 p.m., and 3-35 p.m., for the holding of the adjourned Meetings.

BOMBAY, 9*th May* 1889.

THE business of the adjourned Special Meeting (originally called for the 15th ultimo, and adjourned from the 6th instant), fixed for this day, at 3-15 P.M., was not proceeded with, as the above meeting adjourned as above recorded.

BOMBAY, 13*th May* 1889.

AT a monthly Meeting of the Corporation held this day, there were present:—

GRATTAN GEARY, Esq., *President.*

J. S. ALSTON, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; E. B. CARROLL, M.I.C.E., Esq.; COWASJEE HORMUSJEE, Esq., C.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DINSHA EDULJI WACHA, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; A. M. GUBBAY, Esq.; JAGMOHANDAS VANDRADAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJI PALLONJEE KAPADIA, Esq.; JIWANJI JAMSEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJI NOWROJI BANAJI, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London).; SHIVAJI DHARMAJI, Esq.; TRIBHO-

WANDAS MUNGALDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIGAS, Esq.

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned Special Meetings held on the 2nd, 6th, and 9th instant, and the record of the adjourned Meetings called for those dates were signed.

Proposed by K. M. Shroff, Esq., seconded by Narotumdas Goverdhandas, Esq.—

"That the following be *recorded* :—Letter to the President, dated 30th April 1889, from Lieut.-Colonel A. B. Portman, resigning his seat on the Corporation on proceeding on furlough."

No. 568.

Carried.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by A. G. Veigas, Esq.—

"That the following be *recorded* :—Letter, dated 13th April 1889, from Major H. O. Selby, resigning membership of the following Committees of the Corporation :—(1) *Re* procedure at meetings; (2) Re-organization of Fire Brigade ; and (3) Improvement of roads and streets."

No. 569.

Carried.

After discussion, it was decided that no successor be appointed to Major Selby on these Committees.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the following be *recorded* :—Letter No. 252, dated 1st instant, from the Municipal Secretary, to the President, reporting the Budget transfer sanctioned by the Standing Committee, on the 1st idem, as under :—

No. 570.

SIR,—I have the honour to inform you that, under the provision of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfer sanctioned by them on the 1st instant, Rs. 22-0-0, as shown below :—

	Rs.	a.	p.
Transfer from savings in Section I., Establishment, Fire Brigade Budget, to the grant for Assistant Engineer, Section I., same Budget, to meet the cost of acting arrangement made during the absence of Mr. Merwanjee Framjee, Assistant Engineer, Fire Brigade, on privilege leave for 11 days, from 11th to 21st March 1889, both inclusive.	22	0	0
Rupees...	22	0	0

I have, &c., H. WYNFORD BARROW, Municipal Secretary"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Tribhovundas Varjiwandas, Esq.—

No. 571. "That, as recommended by the Standing Committee in their Resolution No. 253, dated 1st instant, sanction be given to the sale, to the Star of India Mills Company, of two plots of Municipal land fronting and adjoining the north side of Fergusson Road, admeasuring 453·33 square yards, or thereabout, at the rate of Rs. 4 per yard, as shown on the plan, dated 1st May 1889, and marked A."

Carried.

On the motion of Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani, it was agreed that the consideration of notice of motion from Mr. Gilbert, regarding improving the Victoria Gardens and retaining zoological collection therein, be postponed till Mr. Gilbert's return to Bombay.

Proposed by Thomas Blaney, Esq., seconded by Surgeon-Major Arnott—

No. 572. "That, as recommended by the Standing Committee in their Resolution No. 256, dated 1st instant, sanction be given, subject to the necessary sanction of the Government of India, to the raising of a loan of fifteen lakhs of rupees, for the purpose of carrying out the construction of new roads and streets in Agripada and elsewhere, including the purchase of such additional land on either side of the proposed new roads for the purpose of building, resale and exchange, and generally, as to the Commissioner* and the Standing Committee may appear advantageous or convenient.

"That, pending the raising of the loan, sanction be given to the payment of advances from available balances to the extent of five lakhs at a time to be adjusted against the loan."

The Hon'ble Mr. Rahimtula Mohamed Sayani moved as a *rider*—

"That the words 'and the Standing Committee' be inserted after the word 'Commissioner.'"

The rider was accepted as part of the original motion.

Amendment, moved by Maneckji Behramji Dadabhai, Esq., seconded by Dinshaw Edulji Wacha, Esq.—

"That the consideration of this subject be deferred at

* These words were added to the original proposal as shown above.

present, and that the Commissioner be requested to furnish the details of the cost of laying streets in the districts of Agripada."

On a division, the votes were *recorded* as under :—

	For	*Against.*	
Amendment.....	3	Large majority.	*Lost.*
Original motion	26	4	*Carried.*

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Harold R. King, Esq.—

No. 573. "That, as the present contract with the Gas Company comes to an end on 30th June 1890, and as recommended by the Commissioner and the Standing Committee, a committee be appointed to consider and report as to the means of public lighting which should be adopted upon the termination of the contract with the Gas Co.

"That the Committee consist of the following gentlemen :—Mr. J. S. Alston, Mr. E. B. Carroll, Mr. G. Cotton, Mr. J. R. Duxbury, Mr. Damodar Thackersi Mulji, Col. G. L. C. Merewether, Khan Bahadur Muncherjee C. Marzban, the Hon'ble Mr. R. M. Sayani.*

A rider was moved by Mr. Maneckji Behramji Dadabhai to the effect that the Committee be instructed to report within 3 months, but this proposal was not accepted.

The original motion was then *carried.*

Proposed by E. B. Carroll, Esq., seconded by A. M. Gubbay, Esq.—

No. 574. "That, as proposed by the Acting Municipal Commissioner in his letter No. 12428, dated 20th October 1888, and, as recommended by the Standing Committee in their Resolution No. 270, dated 1st instant, the Corporation accord their sanction to permission being given by the Commissioner to the erection of arcades in the streets, as under :—

"1 Fort Street, 2 Carnac Road, 3 Parel Road from Pydowni northwards, 4 Grant Road, Rampart Row, Esplanade Road, Hornby Road, Fuller Road, Elphinstone Circle, Colaba, Abdul Rahiman Street."

---

* The name of the Hon'ble Mr. Rahimtula M. Sayani was added on the proposition of Muncherjee N. Banajee, Esq., seconded by Framji D. Divecha, Esq.

Amendment, moved by Muncherjee Nowrojee Banajee, Esq., seconded by Framji Dorabji Divecha, Esq.—

"That, in the opinion of the Corporation, no arcades should be allowed, except in the streets in which arcading has been already sanctioned as per margin, or Streets made over, or to be made over, by the Port Trustees."

1 Rampart Row, 2 Esplanade Road, 3 Hornby Road, 4 Fuller Road, 5 Elphinstone Circle, 6 Colaba Causeway, 7 Abdul Rahiman Street.

On a division, there were 12 votes *for* and 7 *against* the amendment, which was *carried* as a substantive proposition by 13 votes *against* 2.

At 5 o'clock the Meeting was adjourned. The President fixed Monday the 20th instant, at 3 P.M., 3-30 P.M., and 3-35 P.M. for the holding of this and two other adjourned meetings.

BOMBAY, 13*th May* 1889.

The business of the adjourned Special Meetings (originally called for the 15th and 29th ultimo, and adjourned from the 9th instant), appointed for this day, was not proceeded with, as the business of the above meeting lasted until 5 P.M.

BOMBAY, 16*th May* 1889.

AT the Special Meeting of the Corporation, held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

J. S. ALSTON, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTAMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI WACHA, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; MIRZA HUSSEIN KHAN, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGALDAS NUTHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P., (London); G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq.

The HEALTH OFFICER; the CHIEF ACCOUNTANT; the ASSISTANT HEALTH OFFICER; the SPECIAL ASSISTANT TO THE COMMISSIONER; and the MUNICIPAL SECRETARY.

The signing of the minutes of the monthly meeting held on the 13th instant, was postponed.

The election of a member of the Standing Committee in place of Sir Henry Morland, resigned, was proceeded with.

In accordance with notice of motion, the following propositions were made :—

"Proposed by Sir Jamsetjee Jeejeebhoy, seconded by Grattan Geary, Esq.—

'That Surgeon-Major James Arnott be elected a member of the Standing Committee.'

"Proposed by Thomas Blaney, Esq., seconded by K. M. Shroff, Esq.—

'That Major H. O. Selby be elected member of the Standing Committee.'

"Proposed by Harold R. King, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

'That, under the provisions of the Rules, and Government Notification, Messrs. Sorabji Navaroji Cooper, J. Leask and Rao Bahadur Virprasad Tapiprasad be appointed scrutineers to assist the Municipal Secretary in examining the voting papers recorded this day.'"

Carried.

No. 753.—The ballot was commenced at 4 o'clock P.M. and closed at 5 o'clock P.M. At 5-15 o'clock the Municipal Secretary and scrutineers presented the following report:—

BOMBAY, *16th May* 1889.

To THE PRESIDENT, Municipal Corporation.

SIR,—We have the honour to report that we have this day made a scrutiny of the ballot papers presented for the election of a member of the Standing Committee, in place of Sir Henry Morland, resigned, and that the votes recorded in the papers are as under :—

For Surgeon-Major James Arnott	20
„ Major H. O. Selby	26

We have rejected three of the voting papers as being informal.

We have, &c.,

H. W. BARROW,
Municipal Secretary.
SORABJI NAVAROJI COOPER.
J. LEASK.
VIRPRASAD TAPIPRASAD.
} Scrutineers.

The President declared that Major H. O. Selby was duly elected.

In accordance with notice of motion, it was proposed by Kaikhosro N. Kabraji, Esq.—

"That, as recommended by the Commissioner and the Standing Committee, sanction be given, under Section 296 of the Municipal Act III. of 1888, to the acquisition of the whole of the premises shown in red on the plan marked B, dated 17th April 1889, admeasuring 45·70 square yards, or thereabout, situate between Eduljee Street and Hamal Street, Colaba, the property of Mr. Jamasji Ruttonji Mistri, required for the opening of the Edulji Street into Hamal Street.

No. 754.

"That, in the event of the owner declining to sell at a sum not exceeding Rs. 3,000, the Commissioner be authorised to proceed under the Land Acquisition Act, for the acquisition of the property."

The motion was seconded by Cowasjee Hormusjee, Esq.

Carried nem. con.

In the absence of Major Selby who had given notice of intention to move the following, it was—

Proposed by Muncherjee Nowrojee Banajee, Esq.—

"That, with reference to his letter,* dated 11th instant, to the President, Dr. Blaney be informed that the Corporation will accept the badge and chain for the President."

The motion was seconded by Bhalchandra Krishna Bhatavadekar, Esq.

Amendment, moved by the President, seconded by George Cotton, Esq.—

"That the thanks of the Corporation be offered to the gentleman, who has made the anonymous offer of a gold badge and chain for the President; but that the offer be respectfully declined."

No. 755.

On a division, there were 16 votes *for* and 10 *against* the amendment which was *carried* as a substantive motion, the votes being 16 *for* and 9 *against*.

---

* The letter which was read, was as follows :—

BOMBAY, 11*th May* 1889.

TO THE PRESIDENT, Municipal Corporation.

SIR,—With reference to the resolution of the Municipal Corporation, No. 4578, dated 4th October 1888, I have the honor to intimate that a fund has been entrusted to me for the purpose of providing a Badge and Chain for the President of the Corporation. I beg, therefore, that you will bring the subject to the notice of the Corporation and ascertain if they will accept the Badge and Chain if I procure it.—I have, &c.,

THOMAS BLANEY.

BOMBAY, 20*th May* 1889.

AT an adjourned Monthly Meeting of the Corporation (originally called for the 13th instant, and adjourned from that day) held this day, there were present:—

GRATTAN GEARY, Esq., *President.*

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DINSHAW EDULJI WACHA, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FRAMJI DORABJI DIVECHA, Esq.; L. M. & S.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVAJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq.

The HEALTH OFFICER; and the MUNICIPAL SECRETARY.

A note was received on behalf of Mr. Rahimtula Khairaz, apologizing for non-attendance on the ground of being absent at Wadhwan.

The minutes of the Monthly and Special Meetings held on the 13th and 16th instant, and the record of the adjourned Special Meeting called for the 13th idem, were signed.

Proposed by Thomas Blaney, Esq., seconded by Narotamdas Govardhandas, Esq.—

No. 923. "That, as recommended by the Standing Committee in their Resolution No. 7216, dated 27th March 1889, sanction be given, under Section 288 of the Municipal Act III of 1888, to the supply of water to the Rifle Range at Bandora, at the rate of one rupee per 1,000 gallons."

Carried.

With the consent of the Meeting, the President gave priority to notice of motion which had been received, relative to the condition of Borbhat Lane, as follows :—

Proposed by Accacio G. Viegas, Esq.—

"That the Municipal Commissioner be requested to state when the system of the Borbhat drainage will be completed and put in working order.

"That, if it be impossible to do it by the end of this month, the cesspools in the oarts of the late Jiwanji Maharaj and the late Hadji Ismail Hadji Habib be drained forthwith into the Kandevadi Street drain as a temporary measure."

The President read the following memorandum received from the Commissioner:—

The pipe sewer in Borebhat has been already laid in connection with the Queen's Road intercepting sewer. The house branches will be proceeded with immediately.

The alternative suggestion of Mr. A. Viegas, is impracticable owing to the levels, and would be so much money thrown away.

20*th May* 1889. E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 925. "That, as recommended by the Standing Committee in their Resolution No. 202, dated 24th April 1889, sanction be given, under section 288 of the Municipal Act III. of 1888, to the supply of water to Kurla at the following rates:—One rupee per 1,000 gallons by meter measurement for private purposes, and eight annas per 1,000 gallons to the public fountains: provided that no new connections be granted at the lower rate, except with the express permission of the Commissioner and of the Standing Committee."

Dr. Cowasjee Hormusjee raised the point that the addition of the words "and of the Standing Committee" was out of order as the Standing Committee had already given their sanction and the connections without the city are, under Section 288 of the Municipal Act, to be sanctioned by the Corporation."

Carried.

Read letter, No. 358, dated 5th April 1889, to the Secretary, from the Commissioner, as follows:—

SIR,—I have the honor to state that as the well marked A on the accompanying tracing creates a nuisance and obstructs the traffic on the road (Gun Carriage Lane, Colaba), I propose, with the approval of the Corporation, to close it and add the area to the road; this will not cause any inconvenience as there is a well marked B close by.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Jiwanji Jamshedji Modi, Esq., and *carried*—

No. 926. "That the matter of the closing of the well at Gun Carriage Lane, Colaba, be referred to the Standing Committee for favour of their opinion."

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 927. "That, as recommended by the Standing Committee, sanction be given to the writing off of (1) Rs. 891-3-2, from the live-stock return of the Market and Slaughter Houses Department, being the book value of two bullocks that died and two that were destroyed, and the difference between the book-value and sale proceeds of 7 cast bullocks ; and (2) Rs. 6,218-8-3, from the live-stock return of the Health Department, being the book-value of 22 bullocks that died, 1 that was destroyed, and 82 that were sent to Pinjrapol :—total 105—during the quarter ending 28th February 1889."

Carried.

Read the following :—

Letter, dated 1st April 1889, from Hari Fakira and other Mahars, applying for free grant of a piece of ground for the erection of a dhurum chowdi and sufficient space for at least 1,000 persons.

Further letter, dated 24th idem, from same, on the above subject.

Resolution of the Standing Committee, No. 29, dated 3rd ditto, as under:—

"That Hari Fakira and other Mahars be informed that their request to have made over to them a plot of ground for erecting a dharam chowdi and sufficient space for at least 1,000 persons at Foras Road, or Chaupati, or Kamathipura, cannot be complied with.

"That copy of this resolution be forwarded to the Corporation with reference to the Municipal Secretary's endorsement No. 2, dated 1st April 1889."

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 928. "That, in reply to their letters, dated 1st and 24th ultimo, Hari Fakira and other Mahars be referred to memorandum No. 279, dated 4th instant, from the Municipal Secretary to themselves, to the effect that their request to have made over to them a plot of ground for erecting a dharam chowdi and sufficient space for at least 1,000 persons at Foras Road, or Chaupati, or Kamathipura, cannot be complied with."

Carried.

Proposed by Cowasjee Hormusjee, Esq., seconded by Accacio G. Viegas, Esq.—

"That, with reference to letter from Government, No. 198, General Department, dated 17th January 1889, and subsequent correspondence, Government be informed that the only proportion of the charges in question which the Municipality can *fairly* be called upon to bear, are those for the disposal of the dead bodies of new-born infants, and of the poor generally found in the streets, the average amount of which is less than Rs. 150 per annum."

No. 929.

Carried.

Considered the following :—

Bullocks of the Health and Markets Departments.

To the MUNICIPAL SECRETARY.

Sir,—The Committee of the Corporation, appointed on 21st June 1888, as per margin, to enquire into the mortality among the Municipal bullocks have the honor to report as follows :—

"That a Committee be appointed to investigate into the causes of the heavy mortality amongst bullocks belonging to the Health Department, and, to report on the same, suggesting remedies, if any, calculated to prevent this periodical loss of live stock.

"The Committee to consist of Thomas Blancy, Esq.; Javerilal Umiashankar Yajnik, Esq.; Colonel Merewether; Vandravandas Purshotumdas, Esq.; J. R. Duxbury, Esq.; K. M. Shroff, Esq.; and R. N. Khory, Esq."

Note—At the meeting of the Corporation held on the 4th April 1889, this Committee was re-appointed, Mr. K. M. Shroff being elected Chairman of the Committee.

When the Committee examined the bullocks in the A Ward stables last year, the majority appeared to be in exceedingly good condition and compared favourably with the bullocks in the ordinary labour-carts of the city. A few of the bullocks were in poor condition, and this was explained to the Committee as the result of over-work rather than of under-feeding. When this examination was completed, the Committee advised that, as an experiment, an additional quantity of grain (Ooreed) should be given to a certain number of bullocks which had the longest and heaviest pulls, and the result reported to the Committee. The Health Officer accordingly had the experiment carried out over a period of several months, and has now reported that the 36 pairs of bullocks, to each of whom an extra allowance of grain was given of 24 ounces daily, appeared to have improved in condition. It is not, however, stated whether the bullocks selected for the experiment were previously in poor or in good condition. The Committee have now learned that they were bullocks that were hardest worked. The Health Officer recommends that the increased quantity of grain ration which was given to the 36 pairs of bullocks experimented upon, should now be given to all the bullocks of the Municipality as a permanent increase. If this recommendation is carried out, it will add Rs. 40,000 annually to the cost of feed of bullocks for the Health Department.

There is not sufficient evidence before the Committee to enable them to recommend the Corporation to incur the increased grain expenditure asked for, and for the three following reasons :—(1) All the bullocks

of the Health Department are not in an equally poor condition, while the majority are in comparatively prime condition under the usual daily grain allowance of 9½ lbs. per pair ; (2) all the bullocks do not do equally heavy work and have not an equal length of haulage ; (3) it has not been shown to the Committee that either disease or mortality amongst the bullocks have been due to insufficiency of grain ration. The only conclusion at which the Committee have been able to arrive on the evidence submittted is, that only a comparatively small proportion of the bullocks would be improved in condition by receiving an increased quantity of grain and the number of such bullocks is likely to vary. The bullocks for whom this increased supply of grain may be necessary can only be determined by actual observation. The Committee would therefore recommend that a discretionary power be given to the Health Officer to place such bullocks under an increased grain allowance for such a period as their condition may seem to require. If this recommendation of the Committee should be accepted by the Corporation, it may be effectively carried out by making a provision in each Budget of the Health Department under the head of " increased grain ; food for bullocks in poor condition," and the sum that will probably be found sufficient for this purpose may be estimated at a few thousand rupees per year.

Owing to the cart wheels not being properly greased, there is much power lost by overcoming friction. The loss due to this cause may be estimated as representing the power exerted by many pairs of bullocks, and the noise made by the creaking of the wheels is an unjustifiable nuisance to the public. Suitable arrangements ought to be made for the periodical greasing of the wheels of all vehicles and so reduce the deterioration of the vehicles equally with the bullocks.

As the work of the bullocks used for drawing the meat-vans to and from Bandora is particularly heavy and exhausting, the Committee recommend that the ration of each pair of these bullocks should be permanently increased to 12½ lbs. daily.

The haulage over the kutchra deposits is very heavy and trying for the bullocks, and with a view to remedying this, the Committee, adopting the advice of Mr. Duxbury, strongly recommend that from the point where the roadway runs over the deposit, six or eight suitable country horses be employed to help the loaded carts over the soft newly filled ground. Each horse should be lightly harnessed, the same as the Tramway horses, with nothing but a collar, traces and backband to support the traces. The horses should be continually on the move, returning to where loaded carts may be expected, leaving the bullocks to bring away the empty carts.

The Health Officer has recommended that an increase of salary should be granted to the Chief Veterinary Officer of the Health Department, and that that officer should be allowed an efficient assistant, to be secured, if possible, from the Government Veterinary College. The Committee are of opinion that any claims which the Chief Veterinary Officer may have to increased salary should be submitted to the Standing Committee through the usual channel, but in regard to a competent Veterinary Assistant, the Committee think the employment of such an officer is desirable and that it would prove economical. The salary of this officer should not exceed Rs. 60 per mensem. With a veterinary

staff of the efficiency now contemplated, the Committee think the Health Department should retain charge of and treat all the sick and infirm bullocks of the department.

Your obedient servants,
K. M. SHROFF.
10*th May* 1889. THOMAS BLANEY.
J. R. DUXBURY.
VUNDRAVUNDAS PURSHOTUMDAS.

Note.—Col. G. L. C. Merewether and Mr. Javerilal Umiashankar Yajnik are absent from Bombay.

Proposed by K. M. Shroff, Esq., seconded by Maneckji Behramji Dadabhai, Esq.—

"That the report of the Committee of the Corporation appointed to enquire and report on the mortality among the bullocks of the Health Department be approved and adopted."

No. 930.

Carried.

In accordance with notice of motion, it was—

Proposed by Dinshaw Edulji Wacha, Esq.—

"That Budget transfers made by the Standing Committee, under Section 133 of the City of Bombay Municipal Act, be prepared in the accompanying form whenever submitted to the Corporation for sanction."

*Statement of Budget Transfers sanctioned by the Standing Committee up to*_____*under Section* 133 *of the City of Bombay Municipal Act* III. *of* 1888.

TRANSFER FROM							TRANSFER TO						
Department.	Head and sub-heads.	Budgetted amount for the year.	Amount expended to date.	Savings to date.	Total savings to date.	Reasons of savings.	Department.	Head and sub-heads.	Budgetted amount for the year.	Amount expended to date.	Excess over Budgetted amount to date.	Total excess over Budgetted amount to date.	Reasons of excess expenditure.

The motion was seconded by K. M. Shroff, Esq.

Amendment, moved by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Accacio G. Viegas, Esq.—

"That the Standing Committee be asked to report whether the return of Budget transfers, under Section 133 of the Municipal Act III. of 1888,

No. 931.

made by them, can be presented to the Corporation in the following form :—

*Statement of Budget Transfers sanctioned by the Standing Committee up to*_____*under Section* 133 *of the City of Bombay Municipal Act* III. *o* 1888.

TRANSFER FROM							TRANSFER TO						
Department.	Head and sub-heads.	Budgetted amount for the year.	Amount expended to date.	Savings to date.	Total savings to date.	Reasons of savings.	Department.	Head and sub-heads.	Budgetted amount for the year.	Amount expended to date.	Excess over Budgetted amount to date.	Total excess over Budgetted amount to date.	Reasons of excess expenditure.

On a division, there were 15 votes *for* and 3 *against* the amendment which was *carried* as a substantive proposition, the votes being 16 *for* and none *against*.

In accordance with notice of motion, it was—

Proposed by the President—

That Government letter No. 2404, Judicial Department, dated 4th May, to himself on the subject of increasing the Police force be read and considered.

The Hon'ble Mr. Rahimtula Mohamed Sayani, in seconding the motion, expressed the opinion that, as a rule, it is undesirable for the President to give notices for bringing forward questions in this way.

The President said that in this case the letter from Government was received after this meeting was advertised, and as the communication was addressed to himself, he was the only member who could well be in a position to give such notice as would allow of the matter being brought on at the earliest possible moment.

Read letter to the President, No. 2402, Judicial Department, dated 4th May 1889, as follows:—

SIR,—I am directed to inform you that the Commissioner of Police, Bombay, has brought to the notice of Government the inadequacy of the present strength of the Bombay Police Force to meet the requirements of the city, and has urged the necessity of increasing the strength of that force.

2. In the opinion of the Governor in Council, the Commissioner of Police has, I am to say, made out a case for an increase based on increase

of population, wealth and work, which calls for careful consideration, and His Excellency in Council, therefore, proposes to refer the matter to a Committee. To this Committee the Governor in Council will nominate the Chief Presidency Magistrate and the Commissioner of Police, Bombay; and as increased cost will fall on the Municipality under Section 62 (*a*) of the Municipal Act, 1888, Government is desirous that the Municipality should also be represented.

3. I am accordingly to request the sanction of the Corporation to the Municipal Commissioner being allowed to serve on the Committee, and also to invite the nomination to the Committee of two members of the Corporation.

4. The Committee will also be requested to consider the question of the location of an additional Magistrate's Court in the event of it being found necessary to establish such additional Court in Bombay.—I have, &c., J. MONTEATH, Acting Secretary to Government.

Proposed by Cowasjee Hormusjee, Esq., seconded by Maneckji Behramji Dadabhai, Esq.—

No. 932. "That, with reference to Government letter, No. 2404, Judicial Department, dated 4th instant, Government be informed that the Corporation hereby authorizes the Commissioner to serve on the Committee appointed to consider the question of increasing the Bombay Police Force, and that the following two members of the Corporation are nominated to serve on such Committee:—

"The President, Mr. Grattan Geary, and Mr. Dosabhai Framji."

Carried.

This concluded the business of this Meeting.

BOMBAY, 20*th May* 1889.

AT an adjourned Special Meeting of the Corporation (originally called for the 15th ultimo, and adjourned from the 13th instant), held this day, there were present: —

GRATTAN GEARY, Esq., *President.*

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERVANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DINSHA EDULJI WACHA, Esq.; FRAMJI DORABJI DIVECHA, Esq. L. M. & S.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq.

The MUNICIPAL SECRETARY.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 933. "That the Standing Committee and the Municipal Secretary be authorised to sign cheques for the following expenditure not separately provided

for in the Budget for 1889-90, as advances to be subsequently adjusted against Budget grants or by cash recoveries :—

	Rs.
Workshops (advances for Establishment and Stores)...	1,63,400
Advances to Municipal Officers	15,000
Private and Departmental works	10,000
Carbolic acid, cement, &c.	25,000
Unclaimed Wages	4,000
Building and repairs certificate and water connection forms	2,000
Purchase of stores for Water Works, maintenance and new works	1,00,000
	3,19,400"

Carried nem. con.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 934. "That letter No. 63, dated 6th April 1889, from the Municipal Secretary, to the President, reporting the Budget transfers sanctioned by the Standing Committee up to 3rd idem as under, be *recorded* :—

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the budget transfers, sanctioned by them up to 3rd instant, Rs. 21,353-10-8, as shown below :—

	Rs.	a.	p.
Transfer from savings in Section I., Establishment, Love Grove Pumping Station, Engineer's Budget, to Section IV, Contingencies, same head, same Budget, to meet the charges for inspection by the Government Inspector of the Boilers at the Love Grove Pumping Station	120	0	0
Transfer from savings in Section IV., cost of lighting Slaughter Houses, Markets and Slaughter Houses, Health Department Budget, to Section VII., Miscellaneous Stores, same head, same Budget, to meet cost of stores purchased up to 28th February 1889	400	0	0
Transfer from savings in Section III., Fees of Councillors, Corporation and Standing Committee's Budget, to Section II, Office Establishment, same Budget, to meet the allowance due to Mr. Narayan Ramchunder for acting for 3 months for Mr. Ramchander Muckoondjee, Head Clerk, Municipal Secretary's Office, whilst on privilege leave ...	60	0	0
Transfer from savings in Section III., disposal of town sweepings (earth to cover kutchra deposits), Conservancy Branch, Health Department Budget, to Section II., labour, A, scavengering, and B, drain cleaning (feed of bullocks), same head, same Budget, to meet excess in the grant for feed of bullocks	1,240	0	0
Carried forward...Rs.	1,820	0	0

Brought forward...Rs.	1,820	0	0
Transfer from savings in Section I. Establishment, Fire Brigade Budget, to Section III., contingencies for extinguishing fires, same Budget, to meet excess in the grant for contingencies of the Brigade	250	0	0
Transfer from savings in Section III., disposal of town sweepings (earth to cover kutchra deposit), Conservancy Branch, Health Department Budget, to Section V., stores, same head, same budget, to meet the cost of disinfectants purchased up to 28th February 1889	400	0	0
Transfer from savings in Section I., purchase of materials (sand stone), road repairs, Engineer's Budget, to Section II., Labour and Road Scraping, same head, same Budget, to meet excess on the grant for labour and road scraping	1,700	0	0
Transfer from savings in Section I., bullocks and bhisties, Road Watering, Engineer's Budget, and in Section I., Superior Staff, Engineer's Establishment, same budget, to Section II., water carts, road watering, same budget, to meet excess in the grant for road watering by cart ...	3,000	0	0
Transfer from savings in the Budget grant for pensions and gratuities, to the grant for repairs to Municipal buildings, Engineer's Budget, to meet excess in the latter grant ...	1,500	0	0
Transfer from savings in Section II., Gas Lighting, A, Streets and Bandars lighting, Engineer's Budget, to Section V., contingencies, stationery, &c., Engineer's Establishment, same Budget, to meet excess in the grant for printing and stationery, Engineer's Department	2,625	0	0
Transfer from savings in the grant for interest on loans, House Rate and Market Loans, to the grant for interest on the Sanitary Works Loan of 1887-88, to meet excess in the latter grant	2,916	10	8
Transfer from savings in Section III., disposal of town sweepings (earth to cover kutchra deposit,) Conservancy Branch, Health Department Budget, to Section IV., repairs, same head, same budget, and to Section IX., repairs to Markets and Slaughter Houses, Market Budget, to meet excess in the latter grants	2,532	0	0
Transfer from savings in the grants as under (1) Section I., Superior Staff, Engineer's Department, (2) Section II., Gas Lighting, A, Streets and Bandars, and Section III., kerosine oil lighting, B, moiety of lighting the Rajabai Clock Tower, and C, Contingencies, (3) Section IV., Road Watering (proportion of cost of cart repairs), Engineer's Budget, and (4) Pensions and Gratuities, to the grant for Love Grove Pumping Station, Section III., repairs to machinery, and Section IV., contingencies and stores, Engineer's Budget, to meet excess in the latter grants ...	4,600	0	0
Transfer from savings in Section III., fees payable to members of the Standing Committee, Corporation and Standing Committee's Establishment Budget, to Section II., Office Establishment, same Budget, to meet the difference during March and April 1889 between the pay of Mr. Sadanund Hurrichund, whilst temporarily employed as Clerk, and the pay of the Fourth Clerk, Municipal Secretary's Office...	10	0	0
Total ...Rs.	21,353	10	8

Carried.

Read the following :—

Municipal Matters : Bombay. General Department.
No. 1107. Bombay Castle, 19th March 1889.

Petition from Mr. Moroba Ramkrishna Kirtikar and others, dated 28th February 1889—Forwarding copy of an application addressed by them to the Municipal Corporation, Bombay, respecting the insanitary condition of the Borbhat Lane, Girgaon Road, where, owing to the neglect of the Municipal authorities, there was lately an epidemic of cholera ; stating that their repeated complaints to the Municipality have met with no remedy ; and praying that the Public Prosecutor may be instructed to take immediate steps against the Municipality with a view to abate the nuisance.

RESOLUTION.—The petitioners should be referred to Section 515 (1) of Act III of 1888 and informed that they are at liberty to take such action under that Section as they may be advised in the matter of their complaint.

J. DE C. ATKINS,
Acting Under Secretary to Government.

No. 21997 OF 1889.

Copy forwarded for information to the Municipal Secretary.

E. C. K. OLLIVANT, Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

"That Government Resolution No. 1107, General Department, dated 19th March 1889, be *recorded.*"

No. 935.

Carried.

Read the following letter No. 266, Public Works Department, Railway, dated 4th February 1888, to the Chairman of the Corporation :—

SIR,—I am directed to acknowledge the receipt of your letter No. 2044, dated 18th January 1888, to the address of the Secretary to Government in the General Department, suggesting for consideration the subject of the provision of Hospital accommodation at large Railway stations, and of latrine accommodation in Railway trains.

2. In reply I am to state that this Government is not in a position to order Railway administrations to provide the Hospital accommodation suggested ; and to point out that so far as latrine accommodation is concerned, the Government of India having already carefully enquired into the matter, have refrained from issuing any definite orders in the direction suggested.

3. I am to observe, however, that latrine accommodation is being introduced by degrees into carriages intended for the conveyance of female passengers, which seems all that is at present possible, or even desirable as the average distance travelled by third class passengers is under 50 miles.—I have, &c.,

H. W. WARDEN, Under-Secretary to Government.

Read, also, memorandum No. 30174 of 1888-89, dated 13th March 1889, from the Health Officer, to the Commissioner, as under :—

I have not been able yet to obtain the information on this question I sought. The admission of the Under-Secretary to Government, Public Works Department, "that the average distance travelled by third "class passengers is under 50 miles," supports my view that latrines are necessary and can be placed in carriages without being a serious nuisance or even a nuisance. The Agent of the B. B. & C. I. Railway writes : "As regards the provision of latrines in 3rd class "carriages the experiments already made have proved unsatisfactory "upon the Railways upon which they have been tried," and the Agent of the G. I. P. Railway writes : "Wtih respect to latrine accom-"modation it was decided with the approval of Government, that "3rd class carriages should be built without urinals as they were found "to be very offensive in these lower class carriages." I take it that these objections are solely from a Railway official point of view, for I think Railway passengers would rather have to bear with the nuisance from a latrine or urinal, than to be without a latrine or urinal, and have to use the floor of the carriage or even the window of the carriage when there was no latrine and no urinal. It is a mistake to suppose that a Railway passenger, even 3rd class passenger would care to use a latrine or a urinal in a Railway carriage if it could possibly be avoided. What occurs now is, that the floors of the carriages are used in an emergency. I do not know why a latrine or a urinal should not be kept clean in a Railway carriage. The latrine or urinal must be of suitable material and frequently cleaned.

No. 21944 OF 1888-89.

Forwarded to the Municipal Secretary with reference to Resolutions of the Corporation (herewith returned) No. 2295, dated 13th February 1888 and No. 54, dated 9th April 1888.

The subject appears already to have received careful attention, and the Commissioner is not in a position to offer any further remarks on it.

25*th March* 1889. E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by Bhalchandra Krishna Bhatawadekar, Esq.—

"That memorandum No. 21944, dated 25th March 1889, from the Commissioner, on the subject of the provision of latrine accommodation in Railway carriages, be *recorded*."

Amendment, moved by Dinshaw Edulji Wacha, Esq., seconded by Framji Dorabji Divecha, Esq.—

"That, in recording letter* No. 266, Public Works Department, dated 4th February 1888, from Mr. Under-Secretary Warden, the Corporation desire to express the hope that Government will continue to do all that is possible to secure proper latrine accommodation for third class Railway passengers."

No. 936.

On a division, the amendment was *carried*.

* *See* Proceedings of the Corporation, 13th February 1888.

On the motion of Thomas Blaney, Esq., seconded by Bhalchandra Krishna Bhatawadekar, Esq., it was agreed—

"That the question of improving Victoria Gardens and retaining the zoological collection therein be postponed till Mr. Gilbert's return to Bombay."

This concluded the business of this Meeting.

BOMBAY, 20*th May* 1889.

AT an adjourned Special Meeting of the Corporation (originally called for 29th ultimo, and adjourned from the 13th instant), held this day, there were present:—

GRATTAN GEARY, Esq., *President.*

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI WACHA, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAYA KARADI LINGU Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANECKJEE B. DADABHAI, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq.

The MUNICIPAL SECRETARY.

Considered again the following motion proposed, on the 6th instant, by Thomas Blaney, Esq., and seconded by Rao Saheb Vasudev Juggunnath Kirtikar:—

No. 938.

"That, with reference to clause (*b*) of Section 348 of the Bombay Municipal Act, the Municipal Commissioner be requested to furnish the Standing Committee with a proposal for laying down lines of streets in the districts in which they are not already laid down, and for completing the work in a reasonable time."

Carried.

This concluded the business of this Meeting.

BOMBAY, 22*nd May* 1889.

AT the Meeting of the Corporation held this day, to consider for final approval, under the provisions of Section 465 of the Municipal Act, By-laws of the Joint Schools' Committee, there were present:

GRATTAN GEARY, Esq., *President.*

SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DINSHAW EDULJI WATCHA, Esq.; J. R. DUXBURY, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; A. M. GUBBAY, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAROTUMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.

The MUNICIPAL SECRETARY.

The signing of the minutes of the adjourned Monthly and adjourned Special Meetings held on the 20th instant, was postponed.

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro Nowroji Kabraji, Esq.—

" That the By-laws framed under the authority of Section 461 (*u*) of the Municipal Act III of 1888, assigning the functions of the Joint Schools' Committee under Sub-Section 10 of Section 39 of the said Act, regulating the exercise by the said Committee of its functions so assigned, and of the functions assigned to it under Sub-section (9) of the said last mentioned Section, and regulating the administration by the said Committee of the School Fund under Sub-Section (7) of the same Section, be approved and submitted to Government for confirmation."*

Carried.

This concluded the business of this Meeting.

---

* JOINT SCHOOLS' COMMITTEE BY-LAWS.

By-laws made by the Municipal Corporation of the City of Bombay, under Section 461 (*u*) of the City of Bombay Municipal Act, 1888, assigning the functions of the Joint Schools' Committee under Sub-Section (10) of Section 39 of the said Act, regulating the exercise by the said Committee of its functions so assigned, and of the functions assigned to it under Sub-Section (9) of the said last mentioned Section, and regulating the administration by the said Committee of the School Fund, passed by the Corporation at their Meeting of the 1889 and confirmed by the Government of Bombay on the

General system of administration.

1. In the administration of the City of Bombay Municipal Primary Schools, the principles and system of school management, the course of instruction to be followed, and the rates of salary to be given to the various grades of masters shall be those hitherto adopted under the authority of Government: Provided that with the previous sanction of the Corporation the Joint Schools' Committee may adopt such modifications therein as may be found to be necessary or desirable, reporting such modifications to the Director of Public Instruction. In case of any difference of

opinion arising between the Joint Schools' Committee and the Director of Public Instruction in regard to any such modification there shall be an appeal to Government, whose decision shall be final and conclusive.

Provision of schools.

2. Municipal Primary Schools shall, subject to the proviso in By-law 1, be provided for all castes and classes of the community, and shall be open to inspection and examination at all times by the Government Inspecting Staff.

Pension contribution.

3. Every member of a school establishment who has been or may be transferred from the Educational Department, and who is in receipt of a salary which would entitle him to pension under the Uncovenanted Service Rules, shall be deemed to continue to be a member of the Educational Service of the Presidency, and the Joint Schools' Committee shall contribute to Government for his pension and leave allowances to such extent as may be required by the rules in this behalf from time to time in force; and in all questions relating to pension, leave and pay and acting allowances, the rules from time to time in force for the Government Uncovenanted Service shall be applicable to such member.

Certificated teachers.

4. In the Municipal schools those persons only shall be employed as teachers who hold certificates of qualification recognized by the Educational Department or who are already in receipt of pensionable pay under Government so long as such teachers are procurable. It shall be incumbent on the Joint Schools' Committee engaging a teacher as aforesaid to make provision for his pensionary rights in accordance with the rules in this behalf from time to time prescribed by Government, and such teacher shall be deemed to be admitted to the Educational Service of the Presidency, and shall have his name and qualifications enrolled on the official list of teachers. In filling up places of non-pensionable pay, the Joint Schools' Committee shall give the preference to those who have passed an examination qualifying for the Public Service or who have been useful teachers.

Powers of Joint Schools' Committee over all school establishment.

5. Subject to Rules 3 and 4 the appointment, promotion, punishment, suspension and dismissal of all members of the establishments of the Municipal schools shall rest with the Joint Schools' Committee: Provided that no officer in receipt of a salary exceeding ten rupees per month shall be dismissed except by a resolution of the Joint Schools' Committee at which 5 members at least shall vote for such dismissal.

School-fees.

6. All changes made with the previous sanction of the Corporation by the Joint Schools' Committee in the scale of school-fees payable in the Municipal schools, or in the rules of the Educational Department as regards free students shall be reported to the Director of Public Instruction, and in case of any difference of opinion arising between the Joint

Schools' Committee and the Director of Public Instruction in regard to any such change, there shall be an appeal to Government, whose decision shall be final and conclusive.

Grant-in-aid schools.

7. With a view to the development of private enterprise in education and to the making of the adequate provision for aiding schools for primary education required by law, the Joint Schools' Committee shall keep a register of schools in Bombay which apply for grants-in-aid, and shall, as far as the funds appropriated to this purpose will allow, administer aid to such schools as comply with the necessary conditions in accordance with the provisions of the Government Grant-in-aid Code, subject to such modifications, if any, as may be made in the said code from time to time by the Joint Schools' Committee, with the sanction of the Corporation. Provided that all such modifications as are hereinbefore referred to, are reported to the Director of Public Instruction, and in the event of any difference of opinion regarding them arising between the Joint Schools' Committee and the Director of Public Instruction, are approved by Government.

Visiting, inspection and examination of Municipal and aided schools.

8. It shall be incumbent on the Joint Schools' Committee to make efficient arrangements for the periodical visiting and supervision of every Municipal school, and for the examination in accordance with the rules of the Grant-in-aid Code with a view to the administration of grants-in-aid of every primary school registered by the Committee for the receipt of grants-in-aid.

Statistics and information.

9. A detailed statement of all employés in the Municipal schools with their salaries and all other items of recurring expenditure, shall be maintained by the Joint Schools' Committee, and shall be at all times open to the inspection of the Government Educational Inspector, and the Joint Schools' Committee shall furnish all returns, statistics and any other information relating to the Municipal schools which may be called for by the Director of Public Instruction, or by the Corporation.

Annual Budget Estimates.

10. The School Fund defined in Section 120 of the Act shall be administered by the Joint Schools' Committee in accordance with an annual Budget Estimate of receipts and charges to be drawn up in the form No. 1 hereto annexed.

Municipal contribution from general revenue.

11. In framing the Budget Estimate the Joint Schools' Committee shall provide for the Committee's having at its credit at the end of the official year a balance of not less than ten thousand rupees. The Budget Estimate shall be prepared on or before the tenth day of October, and the Joint Schools' Committee shall inform the Municipal Commissioner on or before the fifteenth day of October, of the amount of contribution required from the Municipal Fund to enable the Committee, with the other receipts to make up the total amount of income

required for the purposes of the Budget, and the Municipal Commissioner shall include such amount in his estimate of expenditure to be laid before the Standing Committee under Section 125 (*a*) of the Act. As soon as may be after the adoption by the Corporation of the "Budget grant" for primary education, the Budget Estimates shall be reconsidered and passed by the Joint Schools' Committee, and a copy thereof shall be forwarded to the Municipal Secretary, to the Municipal Commissioner, the Educational Inspector, and to the Director of Public Instruction.

The School Fund.

12. The School Fund shall be kept in the same Bank in which the Municipal Fund is kept under Section 112 of the Act.

Disbursements from School Fund.

13. All disbursements from the School Fund shall be effected by the Chairman of the Joint Schools' Committee in accordance with the provisions of Sections 39 and 40 of the Municipal Act, and for this purpose a quarterly statement of the charges to be defrayed during the quarter in accordance with sanctioned rates, and the Budget provision shall be submitted by him to the Joint Schools' Committee for sanction in Form No. 3 hereto annexed.

Procedure at meetings of the Joint Schools' Committee.

14. The Joint Schools' Committee shall meet together and shall from time to time make regulations consistent with the Act, and with these rules with respect to the place, day, hour, notice, management and adjournment of such meetings, and generally with respect to the transaction of business as they think fit, subject to the following conditions, namely :—

(1.) That one meeting at least shall be held in every month for the disposal of general business.

(2.) That the Chairman may, at any time, and shall, upon the written request of any three members, call a special meeting.

(3.) That 48 hours' notice at least shall be given of every meeting and of the business to be transacted thereat.

(4.) That no business shall be transacted at any meeting unless at least three of the members are present from the beginning to the end of such meeting.

(5.) That every meeting shall be open to the public unless a majority of the members present deems any inquiry or deliberation pending before the Joint Schools' Committee such as should be held in private.

(6.) That the Secretary shall keep minutes of the names of the members present and of the proceedings at each meeting in a book to be provided for the purpose, and shall furnish each member with a copy of such minutes.

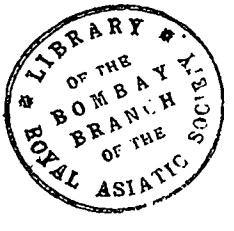
15. The accounts of the Joint Schools' Committee shall be audited by the Municipal Auditors, and after audit, copies of the said accounts shall be submitted to the Corporation and to the Director of Public Instruction.

Budget Estimate

OF THE

City of Bombay Municipal School Fund,

For the year 18



FORM No. I.

BUDGET ESTIMATE OF THE CITY OF BOMBAY MUNI-

RECEIPTS.	Estimate, 18		Estimate, 18		Actuals, 18	Estimate of 18 compared with 18	
						Increase.	Decrease.
Estimated balance on the 1st of April 18 .							
Government Grant to Primary Education ...							
3. Fees from Municipal Schools...							
4. Contribution from the General Municipal Fund							
5. Government Grants-in-aid towards Buildings.							
6. Interest on Endowments or Investments..							
Miscellaneous							
Total...Rs.							

OFFICE OF JOINT SCHOOLS' COMMITTEE,

Bombay, ———— 18—

CIPAL SCHOOL FUND FOR THE YEAR 18 .

EXPENDITURE.	Estimate, 18	Estimate, 18	Actuals, 18	Estimate of 18 compared with 18 .	
				Increase.	Decrease.
A.—SCHOOLS.					
1. Head Masters and Teachers					
2. Servants					
3. Travelling Allowances .					
4. Rent					
5. Cost of Class Books ...					
6. School Furniture ...					
7. Prizes					
8. Contingencies and Miscellaneous					
9. Scholarships in Schools .					
10. Stipends of Students under training as Vernacular Teachers ...					
11. Inspection and Supervision					
12. Grants-in-aid to Primary Schools					
B.—BUILDINGS.					
1. Municipal Original Works					
2. Repairs to Municipal School Houses ...					
Balance on 31st March 18 .					
Total ... Rs.					

Chairman, Joint Schools' Committee.

Secretary, Joint Schools' Committee.

FORM No. II.

BUDGET ESTIMATE OF THE CITY OF BOMBAY MUNICIPAL SCHOOL FUND FOR THE YEAR 18 .

Re-appropriation Statement of Budget Grant.

Items requiring Re-appropriation.				Budget Item from which Re-appropriation is proposed.		
Budget Head.	Particulars.	Amount of sanctioned Estimate.	Amount of proposed Re-appropriation.	Budget Head.	Item of Budget Estimate.	Amount.
		Rs.	Rs.			Rs.

OFFICE OF JOINT SCHOOLS' COMMITTEE,

Bombay,——————18 .

Chairman, Joint Schools' Committee.

Secretary, Joint Schools' Committee.

FORM No. III.

QUARTERLY STATEMENT of EDUCATIONAL CHARGES on account of Municipal Primary Schools in the City of Bombay for the Quarter from_____18___, to_____18___, inclusive, as per By-law 17 of the Joint Schools' Committee By-laws under the City of Bombay Municipal Act, 1888.

Name and Locality of School.	Description of charge. (If an Establishment charge, description of appointment and other particulars to be entered.)	Amount of Monthly Charge	Increase over last Quarter.	Decrease below last Quarter.	REMARKS.

OFFICE OF JOINT SCHOOLS' COMMITTEE,
*Bombay,*_____18 .

Secretary, Joint Schools' Committee.

Chairman, Joint Schools' Committee.

BOMBAY, 10*th June* 1889.

AT a Monthly Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; J. S. ALSTON, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L. M. & S.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; MIRZA HUSSEIN KHAN, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZSHAH MEHERWANJI MEHTA; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.; CAPTAIN W. P. WALSHE.

The CHIEF ACCOUNTANT, and the MUNICIPAL SECRETARY.

The minutes of the adjourned Monthly and adjourned Special Meetings held on the 20th May 1889, and the Monthly Meeting held on the 22nd idem, were signed.

Proposed by Dosabhai Framji, Esq., seconded by the Hon'ble Mr. Rahimtuta Mohamed Sayani, and *carried*—

No. 1304. "That the following be *recorded* :—

Resolution of Government, No. 1752 of 1889, General Department, dated 6th May 1889.—"His Excellency the Governor in Council is pleased to appoint Mr. Amirudin Tyabjee to be a member of the Municipal Corporation of the City of Bombay, *vice* Mr. Mahomed Huseín Hakim, resigned."

J. DEC. ATKINS,
Acting Under Secretary to Government."

Proposed by Dosabhai Framji, Esq., seconded by Raghunath Narayan Khote, Esq., and *carried*—

No. 1305. "That letter No. 1101, dated 30th May 1889, from the Municipal Secretary, to the President, reporting the Budget transfers, sanctioned by the Standing Committee up to 29th idem, be *recorded* :—

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing

Committee of the Municipal Corporation beg to report the Budget transfers sanctioned by them up to 29th instant, Rs. 931, as shown below :—

	Rs.	a.	p.
Transfer from savings in Section I., Establishment, B., Inspection, Distribution and Waste Prevention, Water Works, Engineer's Budget, to Section IV, Out-door Establishment, Roads and Buildings, same Budget, to meet the cost of acting arrangements made during the absence of the Inspector of Roads and Buildings (B Ward), Engineer's Department, on privilege leave for three months... ...	220	0	0
Transfer of Rs. 20 per mensem, till the completion of the works, from savings in the grant for the salary of Inspector on Rs. 60 per mensem for the supervision of storm-water drain, Bellasis Road, to the grant for the salary of Inspector on Rs. 80 per mensem for the storm-water drain, Parel Road, to meet the difference of salary of Inspector on Rs. 100 per mensem appointed from 1st March last, to supervise the above two works	20	0	0
Transfer from savings in Section I., superior staff, salary of Assistant Engineer, and Section I.,B., Inspection and Waste Prevention, Engineer's Budget, to Section I, superior staff, as above, to meet the pay of an officiating Engineer until the return of Mr. Walton	691	0	0
Rupees ...	931	0	0

I have, &c., H. WYNFORD BARROW, Municipal Secretary."

Considered Resolution of the Standing Committee, No. 747, dated 16th May 1889, with reference to the employment of a Resident Engineer, or clerk of the works, for the new Municipal Office building.

Proposed by Thomas Blaney, Esq., seconded by Dosabhai Framji, Esq.—

"That, as recommended by the Standing Committee in their Resolutions Nos. 36 and 747, dated respectively 3rd April and 16th May last, sanction be given to the employment of the necessary subordinate establishment for the estimated period of 42 months at Rs. 523 per mensem, for the new Municipal Office building, of which 11 instalments for the current year amount to Rs. 5,753, and to extra contingencies for printing, stationery, hoarding, &c., Rs. 2,000, of which Rs. 1,000 are required in the current year.

"That Mr. Sitaram Khanderao be appointed* clerk of the works on a salary of Rs. 250 a month on the distinct understanding that he gives all time that may be necessary for the proper supervision and measurements of the building and any other work in connection therewith under the orders of the architect."

* The words "half time" between the words *appointed* and *clerk* were withdrawn from the proposition by the mover.

Amendment moved by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Raghunath Narayan Khote, Esq.—

"That, as recommended by the Standing Committee in their Resolutions Nos. 36 and 747, dated respectively 3rd April and 16th May 1889, sanction be given to the employment of the necessary subordinate establishment for the building of the new Municipal Offices at Rs. 673 per mensem, for the estimated period of 42 months, of which 11 instalments for the current year amount to Rs. 7,403, and to the extra contingencies for printing, stationery and hoarding, &c., Rs. 2,000, of which Rs. 1,000 are required in the current year.

"That Mr. Sittaram Khanderao be appointed full-time Resident Engineer, or clerk of the works for the building, on a salary of Rs. 400 per mensem, devoting his whole time and attention to the duties of his office."

Proposed by G. Cotton, Esq., seconded by J. R. Duxbury, Esq.—

"That the words 'for the estimated period of 42 months' after the word 'mensem,' be omitted."

This suggestion was accepted by the mover of the amendment, and the words were *struck out* of the amendment.

Rider moved by the Hon'ble Mr. Pherozeshah M. Mehta—

"That the following words be inserted after the words 'per mensem' in the last paragraph :—

'Devoting his whole time and attention to the duties of his office.'"

The rider was accepted, and with the consent of the meeting, was allowed to form part of the amendment.

The amendment, as thus modified, was as follows :—

"That, as recommended by the Standing Committee in their Resolutions Nos. 36 and 747, dated respectively 3rd April and 16th May 1889, sanction be given to the employment of the necessary subordinate establishment for the building of the new Municipal Offices, at Rs. 673 per mensem, of which 11 instalments for the current year amount to Rs. 7,403, and to the extra contingencies for printing and stationery and hoarding, &c., Rs. 2,000, of which Rs. 1,000 are required in the current year.

No. 1306.

"That Mr. Sittaram Khanderao be appointed full-time Resident Engineer, or clerk of the works for the building,

on a salary of Rs. 400 per mensem, devoting his whole time and attention to the duties of his office."

On a division, there were 26 votes *for* and 10 *against* the *amendment*, which was *carried* as a substantive proposition by 25 votes *against* 8 votes.

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 1024, dated 22nd May 1889, sanction be given to the payment of an advance, from Surplus Cash Balance, of one lakh of rupees, pending the raising of a loan required to meet the necessary capital charges, to provide for the execution of the following works at Malabar Hill Reservoir, recommended by Sir John Fowler :—

For providing an asphalt or concrete surface to the floor of the settling basin	Rs.	75,000
Provision of turbine, overflow and sludge pipes...	„	11,500
Cushions for outlet of filters	„	9,800
Re-pointing walls of distributing basin	„	1,630
	Rs.	97,930"

Amendment moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Amirudin Tyabjee, Esq.—

"That, as recommended by Sir John Fowler, sanction be given to the carrying out of the following works for the improvement of the Malabar Hill Reservoir :—

For providing an asphalt or concrete surface to the floor of the settling basin	Rs.	75,000
Provision of turbine, overflow and sludge pipes...	„	11,500
Cushions for outlet of filters	„	9,800
Repointing walls of distributing basin	„	1,630
	Rs.	97,930"

On the question of the Hon'ble Mover being allowed to withdraw his amendment, there were 2 votes against this being done, and a large majority in favour of the withdrawal.

Amendment moved by Bhalchandra Krishna Bhatawadekar, Esq., seconded by Tribhowandas Varjivandas, Esq.—

"That the consideration of the subject be deferred until the Standing Committee submits for the consideration of the Corporation the entire scheme of Sir John Fowler."

No. 1307.

On a division, there were 23 votes *for* and 7 *against* the amendment, which was, therefore, *carried.*

Read letter No. 2000, dated 30th ultimo, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward the accompanying plan and to request the sanction of the Corporation, under Section 291 of the Municipal Act, to the line of the road shewn in red lines.

The proposed road runs from the east end of Wari Bandar Road to Gunpowder Road, and the sanction I now ask for, is not for any immediate expenditure of money, but for the line of the road, in order that persons intending to build may be prevented from building in irregular lines and compelled to adhere to a line which can hereafter be formed into a public street.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Dosabhai Framji, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 1308. "That the Commissioner's proposal for the laying out of proposed road, from Wari Bundar road to Gunpowder road, be referred to the Standing Committee for report."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Dosabhai Framji, Esq.—

No. 1309. "That, as recommended by the Standing Committee in their Resolution No. 302, dated 8th May 1889, sanction be given to the sale, to Messrs. Tukaram Ranuji and Bapuji Mahadji, of 152·77 square yards, or thereabout, of Municipal land fronting and adjoining the north side of Fergusson Road, at the rate of Rs. 4 per yard, as shewn on the plan* marked A, dated this day."

Carried.

Proposed by Dosabhai Framji, Esq., seconded by A. G. Viegas, Esq.—

No. 1310. "That, as recommended by the Standing Committee in their Resolution No. 752, dated 16th May 1889, sanction be given (1) to the lighting with gas, at an annual cost of Rs. 3,280, of Fort Street, Goa Street, Karwar Street, Kumta Street, Mangalore Street, Kalikat Street, Cochin Street and Ballard Road, recently taken over from the Port Trust, the gas mains being laid in these streets at the cost of the Bombay Gas Company, and the Municipality undertaking to pay the cost of the said mains in the event of the lighting of the

* Filed in supplement to Minute Books marked A.

streets being discontinued after the termination of the gas contract in June 1890, and (2) to the expenditure of Rs. 1,845, from Surplus Cash Balance, to meet the cost of 41 lamps at Rs. 45 per lamp."

Amendment moved by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Meherjibhoy Rastamji Sethna, Esq.—

"That the following streets be lighted for the present with kerosine lamps; the necessary expenditure for the same being hereby sanctioned from surplus cash balance :—Fort Street, Goa Street, Karwar Street, Kumta Street, Mangalore Street, Kalikat Street, Cochin Street and Ballard Road."

Mr. Cowasjee Hormusjee raised the point of order whether the Corporation could sanction the expenditure for lighting these streets at a lower rate than that proposed by the Standing Committee.

The President said there could be no doubt that in this case the Corporation had the right to reduce the expenditure proposed by the Standing Committee by the substitution of kerosine for gas lighting.

On a division, there were 19 votes *for* and 19 *against* the amendment, which was *lost* by the vote of the President.

The original motion was then *carried* by 15 votes *against* 6.

At 5 o'clock the meeting adjourned, and the President fixed Monday, 17th instant, at 3 P.M., for the adjourned meeting.

BOMBAY, 17*th June* 1889.

AT an adjourned Monthly Meeting of the Corporation (originally called for the 10th instant, and adjourned from that day), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTAMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M. & S.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; JIWANJI JAMSHEDJI MODI, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; RAI BAHADUR LUCHMON SINGH; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BHARBHAYA, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MEHERWANJI MEHTA; PURSHOTUMDAS MUNGALDAS NUTHUBHOY, Esq; RAGHU-

NATH NARAYAN KHOTE, Esq., C.I.E.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the monthly meeting held on the 10th instant, were signed.

A letter was received from Mr. E. B. Carroll, apologizing for non-attendance on account of temporary indisposition.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Surgeon-Major J. Arnott—

No. 1506. "That, as recommended by the Standing Committee in their Resolution No. 740, dated 16th May 1889, sanction be given to the writing off of Rs. 366-5-4, being the book value (1) of 1,099 forms of building applications which became useless and obsolete on the coming into force of the present Municipal Act, and (2) of 26 old forms of the book value of Rs. 9-8-0, in exchange for new forms; total Rs. 375-13-4."

Carried.

In accordance with notice of motion, it was—

Proposed by Reginald Gilbert, Esq., seconded by Narotumdas Govardhandas, Esq.—

"That, with reference to the Resolution of the Standing Committee, No. 7005, dated 27th February last, the Corporation approves of the proposals contained in letter No. 19645 of 20th February 1889, from the Commissioner, to the Municipal Secretary, except as regards the question of charging fees for admission to the gardens, in respect to which this Corporation is of opinion that no fees whatever should be charged for admission to the gardens, or any part thereof. And that the Commissioner be requested to prepare an estimate for the various improvements suggested and for the annual expenditure necessary for maintaining the zoological collection when such improvements are carried out, and submit the same to the Corporation."

First Amendment, moved by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Shivaji Dharmaji, Esq.—

No. 1507. "That, with reference to the Resolution of the Standing Committee, No. 7005, dated 27th February last, the Corporation approve of the proposals contained in letter* No. 19645 of 20th February

* *See* Proceedings of the Standing Committee, 27th February 1889.

1889, from the Commissioner to the Municipal Secretary; and that the Commissioner be requested to prepare an estimate for the various improvements suggested and for the annual expenditure necessary for maintaining the zoological collection when such improvements are carried out, and submit the same to the Corporation."

Second Amendment, moved by Kaikhosro N. Kabraji, Esq.—

"That the Corporation approves of the proposals contained in the Municipal Commissioner's letter, for the improvement of the Victoria Gardens; but resolves that the following fees be charged :—

"Family tickets for a family of 5 persons, per annum, Rupees ten.

"Daily tickets.—Tuesday, Thursday and Saturday, up to 4 P.M., 1 Anna to admit four persons.

Tuesday and Thursday.—After 4 P.M., 2 Annas to admit four.

"Saturday. After 4 P.M., 4 Annas to admit four."

Not seconded.

On a division, there were 27 votes *for* and 4 votes *against* the first amendment, which was *carried* as a substantive proposition.

Considered the following :—

No. 2578 OF 1889-90.

BOMBAY, *7th May* 1889.

Copy with copy of the accompaniments forwarded to the Municipal Secretary for information, with reference to the Resolutions of the Corporation, No. 650, dated 25th April 1888, and No. 5039, dated 25th October 1888.

E. C. K. OLLIVANT, Commissioner.

No. 419 B OF 1889.

P. W. DEPARTMENT, BOMBAY CASTLE, 16*th April* 1889.

TO THE MUNICIPAL COMMISSIONER.

SIR,—With reference to your letter No. 9327, dated 28th August 1888, I have the honour to forward copies of the letters noted in the margin, from which it will be seen that the Wellington Fountain was transferred to the Bombay Municipality on the 11th May 1866, as a public monument.

Letter from the Architectural Executive Engineer and Surveyor, No. 197, dated 3rd October 1865.
Letter from the Municipal Commissioner, No. 1807, dated 5th October 1865.
Letter from the Architectural Executive Engineer and Surveyor, No. 885, dated 9th July 1869.

2. There were no terms or conditions attached to the transfer at the time; but as the fountain was built from funds provided by

Government in the Public Works Department, I am to say that the Governor in Council will be glad if Government is consulted before its removal is decided on.—I have, &c.,

H. D. OLIVIER, CAPTAIN, R.E.,
Under-Secretary to Government.

No. 197 OF 1865.

P. W. DEPARTMENT, BOMBAY CASTLE, *3rd October* 1865.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I should feel obliged by your informing me, whether you will receive charge of the Wellington Fountain as a public monument on completion, with the view to arrange the lighting of the lamps with gas and turning on the water, &c.

2. The connection has been made with the Vehar sub-main and all the gas pipes laid, but the gas connection has yet to be made and this I will get done.—I have, &c.,

J. A. FULLER, CAPTAIN, R.E.

No. 1807 OF 1865.

TO THE ARCHITECTURAL EXECUTIVE ENGINEER AND SURVEYOR.

SIR,—Referring to your letter No. 197, dated 3rd instant, I have the honour to inform you that I am prepared to receive charge of the Wellington Fountain on completion, and will make the necessary arrangements for lighting and turning on water, &c.—I have, &c.,

A. CRAWFORD, Municipal Commissioner.

5th October 1865.

No. 885 OF 1869.

P. W. DEPARTMENT,
ARCHITECTURAL EXECUTIVE ENGINEER'S OFFICE,
BOMBAY, *9th July* 1869.

TO THE MUNICIPAL COMMISSIONER.

SIR,—In reply to your memo. No. 3483, dated 3rd instant, (transferred to me by the Executive Engineer, Presidency), I have the honour to refer you to my letter No. 331, dated 11th May 1866, to your address, from which it is evident, I think, that you received charge from that date.

The accompaniments are herewith returned.—I have, &c.,

J. A. FULLER, LIEUT.-COLONEL, R.E.,
Architectural Executive Engineer and Surveyor.

Proposed by Colonel G. L. C. Merewether, seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 1508. "That Memorandum No. 2578, dated 7th May 1889, from the Commissioner, relating to the Wellington Fountain, be *recorded*."

Carried.

Considered letter, dated 20th May 1889, from Mr. Byramjee Dadabhai Banajee, complaining of the want of drainage at Colaba Causeway, and asking that that locality may be drained. Also the Resolution of the Standing Committee thereon, No. 1095, dated 29th idem.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Jamshedjee Pallonjee Kapadia, Esq.—

"That, with reference to his letter, dated 20th May 1889,

No. 1509. Mr. Byramjee Dadabhai Banajee be informed that his letter has been forwarded to the Commissioner for remarks."

Carried.

Proposed by Surgeon-Major J. Arnott, seconded by J. R. Duxbury, Esq.—

No. 1510. "That the Health Officer's Report* for the Fourth Quarter of 1888 be *recorded.*"

Carried.

Considered letter No. 358, dated 5th April 1889, from the Commissioner, stating that he proposes, with the approval of the Corporation, to close the well at Gun Carriage Lane, Colaba, and to add the area thereof to the road.

Read also the Resolution of the Standing Committee thereon, No. 1030, dated 22nd May 1889.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

"That the Commissioner be informed that, in the opinion of the Corporation, it is not desirable to close

No. 1511. the well at Gun Carriage Lane, Colaba."

Carried.

This concluded the business of this meeting.

BOMBAY, *8th July* 1889.

AT a Monthly Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

J. S. ALSTON, Esq.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; SURGEON-MAJOR J. ARNOTT, M.D., C.M.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L. M. & S.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; DINSHA EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; REGINALD GILBERT, Esq.; A. M.

---

* *See* Appendix A.

GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTUMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NATAHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned monthly meeting held on the 17th ultimo, were signed.

Proposed by Dosabhai Framji, Esq., seconded by Shivaji Dharmaji, Esq.—

"That letter No. 1658, dated 28th June 1889, from the Municipal Secretary to the President, reporting the Budget transfers, sanctioned by the Standing Committee up to 26th idem, as under, be *recorded*:—

No. 2477.

SIR,—I have the honour to inform you that, under the provisions of Section 133 of the City of Bombay Municipal Act III. of 1888, the Standing Committee of the Municipal Corporation beg to report the Budget transfers, sanctioned by them, up to 26th instant, Rs. 620-2-0, as shown below:—

	Rs.	a.	p.
Transfer from savings in Section II., labour, Water Works, Maintenance, Engineer's Budget, to Section I., Superior Staff, salary of Deputy Executive Engineer, Water Works, same Budget, to meet the payment of charge allowance of Rs. 100 per mensem to Mr. Hawkes during the time he acts for Mr. Tomlinson as Deputy Executive Engineer, Water Works	500	0	0
Transfer from savings in Section IV., Contingencies, Assessment and Collection Department Budget, to Section II., Office Establishment, same Budget, to meet the cost of acting arrangement made during the absence on privilege leave of the First Assistant Assessor, for two months, from 2nd April 1889	120	2	0
Rupees ...	620	2	0

I have, &c., H. WYNFORD BARROW, Municipal Secretary."

Carried.

Proposed by Dosabhai Framji, Esq., seconded by Narotamdas Goverdhandas, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 1334, dated 12th June 1889, sanction be given to the payment of an additional grant of Rs. 2,000, from Cash Balance, to meet the cost of printing and other charges incurred in the current year on account of the general elections."

No. 2478.

Carried.

Proposed by Dosabhai Framji, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 2479. "That, as recommended by the Standing Committee in their Resolution No. 1637, dated 26th June 1889, sanction be given to an additional grant of Rs. 1,180, from Surplus Cash Balance, to provide for—(1) cost of 12 gas lamps with cast-iron columns and fittings complete at Rs. 45 each (Rs. 540), and (2) maintenance of 12 lamps at Rs. 80 per lamp per annum (for eight months, Rs. 640), for lighting with gas the roads on the west of the Victoria Dock Warehouses, lately taken over from the Port Trust, shown in pink colour on the plan*, dated 26th June 1889, and marked A."

Carried by 21 votes against 1.

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 2480. "That the following be *recorded* :—Report made by the Municipal Secretary of the election by H. M.'s Justices of the Peace, on the 3rd June 1889, of Messrs. Anandrao Narayan Vasudeo and Eknath Raghunath Khote and Captain W. P. Walshe as members of the Corporation, *vice* Mr. P. C. DeSouza and Rao Saheb Vishvanath Narayan Mandlik, C.S.I., deceased, and Lieut.-Colonel A. B. Portman, resigned ; Letter, dated 27th June 1889, from Mr. Jivanji Jamshedji Modi, resigning membership of the Corporation."

Carried.

Proposed by T. B. Kirkham, Esq., seconded by Rahimtula Khyraz, Esq.—

No. 2481. "That letter No. 5678, dated 28th June 1889, from the Commissioner be *recorded*, and that the Corporation do approve of the selection of Messrs. Jamshedji Rustomji Padar and A. P. Laskari for free studentships in the Veterinary College, as also of the selection of Mr. A. Misquito, subject to his passing the entrance examination."

Carried.

Proposed by Colonel G. L. C. Merewether, seconded by Narotumdas Govardhandas, Esq.—

No. 2482. "That, with reference to Government letter No. 2137, Public Works Department, dated 12th October 1888, Government be informed that the over-

* Copy filed in the supplement to Minute Books for 1889-90, marked A.

bridge should be constructed as shown on the plan * marked A, dated this day, forwarded herewith, providing for a total width of 92 feet, namely, low-level roads on each side of 20 feet each, one foot on each side for the vertical faces of the walls of the overbridge, and a width of 50 feet for the overbridge, namely, 40 feet for roadway and 5 feet for each footpath. The approaches to have a slope of not less than 1 in 35."

Carried.

Proposed by Colonel G. L C. Merewether, seconded by Kaikhosro N. Kabraji, Esq.—

No. 2483. "That, as recommended by the Standing Committee in their Resolution No. 1338, dated 12th June 1889, sanction be given to the payment of Rs. 27,929, to meet the cost of (1) Rs. 27,164, for constructing Fire Brigade station at Sankli Tank Road in place of the one at Byculla Police quarters, and (2) Rs. 765, for filling in site for the station. The cost to be met by appropriations from the grants for Fire Brigade extending over three years commencing from this year. The expenditure to be met in the meantime by advances from available Balances."

Carried.

Proposed by K. M. Shroff, Esq., seconded by A. G. Veigas, Esq.—

No. 2484. "That, as recommended by the Standing Committee in their Resolution No. 2149, dated 3rd instant, sanction be given to the building, at the cost of a Parsi lady, of a fountain or cattle trough on a piece of Municipal ground at the junction of Sewri Road and Parel Tank Road, shown in red colour on the plan* accompanying the Commisssioner's letter No. 5960, dated 2nd idem, and marked A, dated 3rd instant, such fountain or trough after completion, vesting in the Corporation for the gratuitous use of the inhabitants, under Section 269 of the Municipal Act III. of 1888."

Carried.†

Proposed by Thomas Blaney, Esq., seconded by Mirza Hussein Khan, Esq.—

"That the consideration of draft By-laws with respect to new buildings other than buildings to which the provi-

* Copy filed in the supplement to Minute Books for 1889-90, marked A.

† Notice of motion, dated 28th ultimo, was given by K. M. Shroff, Esq., to the effect that sanction should be given to the erection of a cattle trough as above.

sions of Section 348 of the Municipal Act, 1888, are applicable, be postponed."

Rider, moved by the Hon'ble Mr. Rahimtula Mohamed Sayani—

"Until the Solicitors have advised whether such By-laws would be *ultra vires* of the Corporation."

The rider was accepted by the mover of the original motion, which was *carried* as follows :—

"That the consideration of the draft By-laws with respect to new buildings other than buildings to which the provisions of Section 348 of the Municipal Act, 1888, are applicable, be postponed until the Solicitors have advised whether such By-laws would be *ultra vires* of the Corporation."

No. 2485.

The Municipal Secretary reported that letter, dated 10th ultimo, from Messrs. Leo. G. DeSouza, Ardeseer Framji Major and others, regarding the building of a house in Cavel Street has been referred to the Commissioner for favour of remarks.

Read resolution of the Standing Committee, No. 1636, dated 26th June 1889, as follows :—

"That, with reference to its Resolution No. 1307, dated 10th June 1889, the Corporation be informed that the recommendations contained in the Standing Committee's Resolution No. 1024, dated 22nd May last, embodied such part of the work to be done at Malabar Hill Reservoir as is considered by Sir John Fowler to be most urgent, namely, the provision of an asphalt or concrete surface to the floor of the settling basin, the provision of turbine, overflow and sludge pipe, cushions for outlet of filters and the repointing the walls of the distributing basin.

"2. These recommendations are strictly in accordance with the 'procedure' which, Sir John Fowler advises, should be followed out, namely, 'the completion of the work of the walls and the floor of the settling basin, * * before any further work is proceeded with, partly as a training for the men and Inspectors and partly to ascertain the complete adequacy of the work of restoration for its intended object.'

"3. The outlay on these urgent works is estimated at Rs. 97,930 only, whereas the carrying out of the whole of the improvements to the two reservoirs suggested by Sir John Fowler would involve an expenditure of Rs. 9,93,100, to which, to give full effect to his recommendations, should be

added Rs. 4,50,000 for completing the filter beds at Vehar. This sum of Rs. 9,93,100 includes, amongst other items, the provision of Rs. 1,75,000 for extending the filtering accommodation at Bhandarwada Reservoir which would also, incidentally, involve the re-pointing of the uppermost eight feet of the storage basin upon which the new filter beds are intended to rest. In addition to this work, costing Rs. 1,75,000, the Municipal executive recommend that the filtering accommodation at the Malabar Hill Reservoir should be similarly extended, for, if there is good reason for filtering the whole of the Vehar water, there must be at least equally good reason for filtering the whole of the Tulsi water which is more impure. But the consideration of the extension of the filter beds at Malabar Hill Reservoir cannot be treated apart from the extension of the storage capacity of the reservoir; and the Municipal executive consider that, in view of the Tansa water being brought into Bombay, the reservoirs should be extended, at least so far as to provide, in conjunction with the existing storage capacity, a total storage capacity of 56,000,000 gallons, that is to say, a complete two days' supply from all sources; except the water brought in by the Vehar 24″ main, which, as will be remembered, is delivered direct to the northern portions of the island.

"4. As just stated, the most urgent works are those included in the estimate of Rs. 97,930, and, so far as this outlay is concerned, the Standing Committee felt justified in proposing that the Corporation should accord its sanction thereto. But as regards the remaining and much more extensive works, it is obvious that some time will be required for the full discussion by the Corporation of a scheme which involves such heavy outlay.

"5. The whole of the papers, including Sir John Fowler's report and report of the Sub-Committee of the Standing Committee, have been circulated to the Corporation, and are bound up as Appendix D to Vol. XII. of the Municipal Record. See also pages 462 to 470."

Proposed by E. B. Carroll, Esq., seconded by Thomas Blaney, Esq.—

"That, having considered the Resolution of the Standing Committee, No. 1636, dated 26th June 1859, the Corporation—

No. 2486.

"*Resolve*: That sanction be given to the carrying

out of the following works at Malabar Hill Reservoir recommended by Sir John Fowler—

For providing an asphalt, or concrete surface to the floor of the settling basin	Rs.	75,000
Provision of turbine, overflow and sludge pipes...	„	11,500
Cushions for outlet of filters	„	9,800
Repointing walls of distributing basin	„	1,630
Total...Rs.		97,930

"That the Commissioner be authorised to apply for the sanction of the Government of India to the raising of the necessary amount as above by loan."

Carried.

At 5 o'clock the Meeting was adjourned, and the President fixed Thursday, the 18th instant, at 3 P.M., for the adjourned Meeting.

BOMBAY, 18*th July* 1889.

AT an adjourned Monthly Meeting of the Corporation (originally called for the 8th instant, and adjourned from that day,) held this day, there were present :—

GRATTAN GEARY, ESQ., *President.*

AMIRUDIN TYABJI, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; L. M. & S.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; DAMODAR TAPIDAS, Esq.; DINSHAW EDULJI WACHA, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; HASAMBHOY VISRAM, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHARMAJI, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M.&S.

The MUNICIPAL SECRETARY.

The minutes of the monthly meeting held on the 8th instant, were signed.

The consideration of the draft By-laws with respect to new buildings other than buildings to which the provisions of Section 348 of the Municipal Act, 1888, are applicable, was further postponed, pending the receipt of the Solicitor's opinion.

On the motion of Thomas Blaney, Esq., seconded by A. G. Viegas, Esq., it was *resolved*—

No. 2763. "That the following be *recorded* :—

No. 3239 OF 1889.

JUDICIAL DEPARTMENT,
BOMBAY CASTLE, 20*th June* 1889.

To THE PRESIDENT, Municipal Corporation.

SIR,—With reference to your letter No. 1606, dated 31st ultimo, I am directed to forward herewith, for the information of the Municipal Corporation, copy of Government Resolution No. 3238 of this day's date, appointing a Committee to report on the proposals of the Commissioner of Police, Bombay, for an increase to City Police Force, and the necessity for an additional Magistrate's Court and its location.—I have, &c.,

J. J. HEATON,
Acting Under Secretary to Government.

No. 3238 of 1889.

JUDICIAL DEPARTMENT.

Bombay Castle, 20th June 1889.

Letter from the Commissioner of Police, Bombay, No. 1704—6, dated 15th March 1889—Brings to the notice of Government the inadequacy of the present strength of the Bombay Police Force to meet the requirements of this ever extending City of Bombay; states that he has gone carefully through each division with its Superintendent, and has been much struck with the order and public security maintained with the present means at disposal in this great City; adds, however, that this is done at the cost of prematurely aging the rank and file, and of sending many of the superior officers to hospital from exposure and extra work; notes that since the last two years there has been a serious increase in the number of cases of house-breaking in the City, and that a large percentage of this increase has taken place in that portion of the City which has expanded towards the north; that he is firmly persuaded that such increase could never have occurred had the strength of the Police been raised *pari passu* with the expansion of the City; and that this not being done, leaves portions of the Island with no police protection nearer than a couple of miles, which at night means no protection at all beyond the passing-by of one man on his rounds in the night. Makes remarks, and recommends that the strength of the Bombay City Police be increased by not less than 407 officers and men: and states that the proposals for an increase to the rank and file with a few superior officers and the revised office establishment will involve a monthly increase of Rs. 7,012.

Letter from ditto ditto, No. 2985—6, dated 20th May 1889.

Letter from Grattan Geary, Esq., President, Municipal Corporation, Bombay, No. 1106, dated 31st May 1889—Intimates, with reference to Government letter No. 2402 of 4th instant, that the Corporation have authorized the Municipal Commissioner to serve

on the Committee appointed by Government to consider the question of increasing the Bombay Police Force, and that in accordance with the terms of paragraph 3 of the letter, the Corporation have nominated himself and Mr. Dosabhai Framji, C.S.I., as members of the Committee.

Letter from the Commissioner of Police, Bombay, No. 6853—6, dated 20th December 1888—Suggests, as the City is extending very rapidly in the neighbourhood of Jacob's Circle and the direction of Parel, the advisability of taking up land in or near Jacob's Circle for a Magistrate's Court, which before many years will become a necessity.

Memorandum from the Public Works Department, No. 297-B., dated 23rd March 1889—Retransfers, with the concurrence of that Department, the above together with a report from the Superintending Engineer, N. D., forwarding one from the Executive Engineer, Presidency, stating that in his opinion the best position for a new Magistrate's Court would be somewhere near Parel. The Superintending Engineer states that it appears desirable to consider the suggestion of the Executive Engineer in regard to the location of a Police Court for the northern portion of the City, that whether a site should be secured at once or deferred until it is wanted depends to a great extent on when it is likely that the project will be undertaken; that if in the course of a year or two the immediate acquisition of land would be desirable, but that, if the matter is not likely to be taken up for several years, it might be prudent to wait, for conditions and circumstances may change, and a selection suited to present anticipations of the requirements may prove unsuitable to the actual circumstances and conditions of the future.

RESOLUTION.—The Commissioner of Police, Bombay, appears to have made out a case, based on increase of population, wealth and work, for an increase to the City Police Force, which calls for consideration.

2. The Governor in Council is therefore pleased to appoint a Committee to consist of the Municipal Commissioner for the City of Bombay, the Chief Presidency Magistrate, the Commissioner of Police and the following two members, whom the Municipal Corporation, at the request of Government, have been so good as to nominate, *viz* :—

Grattan Geary, Esq.,
Dosabhoy Framji, Esq., C.S.I.,*

to consider this question and to submit their report to Government.

3. The Committee should also report on the necessity of an additional Magistrate's Court in Bombay and its location.

4. A copy of the letter from the Commissioner of Police, No. 1704—6, dated 15th March 1889, should be furnished to the Committee. Any other information that can conveniently be supplied by Government will be furnished on the application of the Committee. The Commissioner of Police and the Chief Presidency Magistrate should furnish such information required by the Committee as they may be able to supply. The Governor in Council trusts that the Corporation

* Or should Mr. Dosabhoy Framji's resignation of his position as a Councillor be accepted, the other gentleman appointed by the Corporation in his place.

will have no objection to the Municipal Commissioner supplying such information from the Municipal records as may be useful to the Committee.

5. The report of the Committee should reach Government by the 1st of October 1889.

J. J. HEATON,
Acting Under Secretary to Government.

In accordance with notice of motion, it was—

Proposed by Kaikhosro N. Kabraji, Esq.—

No. 2764. "That, with reference to letter, dated 1st March 1889, from the owners and occupiers of property in Merwanji Framji Panday Street, Karelwady, complaining of the erection of a certain stable, and asking that the street may be taken over by the Municipality, the Municipal Commissioner be requested to expedite his report, which the Corporation at their meeting held on the 4th April last, asked him to submit, 'within one month' from that day (Resolution No. 50)."

The motion was seconded by Javerilal Umiashankar Yajnik, Esq., and

Carried.

In accordance with notice of motion, it was—

Proposed by Kaikhosro N. Kabraji, Esq.—

No. 2765. "That this meeting authorises the President to move Government to request the B. B. & C. I. Railway Company, to proceed with the erection of a footbridge over the level crossing for footpassengers at the south of the Charni Road Station, and leading up to Kennedy Sea Face, from the Thakurdwar Road."

The motion was seconded by Javerilal Umiashankar Yajnik, Esq., and

Carried.

In accordance with notice of motion, it was—

Proposed by Bhalchandra Krishna Bhatawadekar, Esq.—

No. 2766. 1. "That many of the dust-bins located in the different parts of the city are very old and rotten, and should be replaced by new ones after the pattern of the moveable dust-bin carts.

2. "That the present conservancy arrangements for (*a*) a thorough removal of sweepings and dirt from the dust-bins in different localities, (*b*) removal of sweepings from streets, lanes, gullies and private premises in the city, are unsatisfactory.

3. "That the number of public urinals at present located in the different parts of the city is quite inadequate to meet the wants of the people, and they (the urinals) are not maintained in a thoroughly satisfactory condition.

4. "That the Municipal Commissioner be requested to report as to what steps in his opinion may be adopted with a view to bring about a more efficient working of the existing conservancy establishment, in order to improve the present sanitary condition of some parts of the city."

Javerilal Umiashankar Yajnik, Esq., seconded the motion, which was—

Carried.

The meeting was then adjourned for the further consideration of the proposed Building By-laws.

BOMBAY, 18*th July* 1889.

AT a Special Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJEE, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M. & S.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; DAMODAR TAPIDAS, Esq.; DINSHAW EDULJI WACHA, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZULBHAI JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; HASAMBHAI VISRAM, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; G. W. ROUGHTON, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

THE MUNICIPAL SECRETARY.

Proposed by Thomas Blaney, Esq., seconded by Narotumdas Goverdhandas, Esq.—

"That letter No. 2502, dated 10th instant, from the Municipal Secretary to the President, reporting the Budget transfer sanctioned by the Standing Committee on the 3rd idem, as under, be *recorded*:—

No. 2767.

	Rs.	a.	p.
Transfer from savings in Section II., labour, B, Drain Cleaning Conservancy Branch, Health Department Budget, to Section IV., Repairs to Scavengering and Drain Carts, same head, same Budget, to meet the cost of covering 10 refuse and offal carts for market use.....	180	0	0"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khyraz, Esq.—

No. 2768. "That, as recommended by the Standing Committee in their Resolution No. 2499, dated 10th instant, sanction be given to the sale of surplus land remaining on hand out of the ground purchased for the improvement of Gunbow Street at such rates as may be realized at auction, subject to any reserve price the Commissioner may consider desirable."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 2769. "That, as recommended by the Standing Committee in their Resolution No. 2498, dated 10th instant, sanction be given to the grant of Rs. 12,715, from surplus cash balance, to complete the payments due to the G. I. P. Railway Company for the construction of the Nesbit Road overbridge."

Carried.

In accordance with notice of motion, it was—

Proposed by Dinshaw Edulji Wacha, Esq.—"That the Municipal Commissioner be requested to inform the Corporation at its next monthly meeting of—(1) The amount of the Surplus Cash Balance, *exclusive* of the statutory balance of one lakh at the end of each official year from 1883-84 to 1888-89.—(2) The sums expended and the specific purposes to which they have been applied from the said Surplus Cash Balances from 1st April 1884 to 30th June 1889.—(3) The available balance at present and the nature of its investment, and whether advances drawn from the balances from time to time have been repaid, and what is the amount which still remains to be refunded ?—(4) The amount due to current Cash Account for advances made from it to Loans Account pending raising of Loans resolved by the Corporation with the sanction and authority of the Government."

The motion was seconded by Bhalchandra K. Bhatavadekar, Esq.

Read memorandum No. 1093, dated 16th instant, from the Chief Accountant, to the Commissioner, as follows :—

The details of surplus cash (over and above the balance of 1 lakh required by law) at the close of each of the years 1883-84, 1884-85,

1885-86, 1886-87 and 1887-88, of the sum already appropriated therefrom in the Budget of the following year and of the amount available for further appropriation are given at pages 60, 51-52, 67-68 and 69 of the Administration Reports of the respective years.

As the accounts for the past official year are not yet closed, I am not at present in a position to give the amount of the Surplus Cash Balance at the close of 1888-89.

The net available surplus cash is appropriated in the Budget from year to year. For the reason given in para. 2 above, I cannot now furnish the particulars required in paras. 3 and 4 of Mr. Wacha's Notice of Motion, but I hope to be able to do so in a little over a month's time from this date.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

No. 6981 OF 1889-90.

BOMBAY, 18*th July* 1889.

Copy forwarded to the Municipal Secretary with reference to his No. 2487, dated 9th instant, for information.

E. C. K. OLLIVANT, Commissioner.

With the permission of the President and the consent of the meeting, the mover withdrew the first paragraph as above.

The Hon'ble Mr. Pherozeshah M. Mehta suggested that the 2nd para. should be also *withdrawn*, which in like manner was agreed to.

Mr. Roughton suggested that the 3rd and 4th paras. should also be omitted, but the mover did not agree to this.

The motion was *carried* by 4 votes *against* one as follows :—

No. 2770. "That the Municipal Commissioner be requested to inform the Corporation at its next monthly meeting of—

"(1.) The available balance at present and the nature of its investment, and whether advances drawn from the balances from time to time have been repaid, and what is the amount which still remains to be refunded?

"(2.) The amount due to current Cash Account for advances made from it to Loans Account pending raising of loans resolved by the Corporation with the sanction and authority of the Government."

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khyraz, Esq.—

No. 2771. "That, as recommended by the Standing Committee in their Resolution No. 2493, dated 10th instant, sanction be given to the grant of Rs. 480,

from Surplus Cash Balance, to meet the salary of a Veterinary Assistant (for 8 months at the rate of Rs. 60 per mensem), whose appointment was recommended by the Committee of the Corporation *re* mortality among the bullocks of the Health Department."

Carried.

Considered the following :—

ANNUAL REPORT OF THE WORKING OF THE GOKULDAS TEJPAL HOSPITAL FOR 1888.

1. *Conservancy and Water Supply.*—The system of conservancy adopted in this Hospital worked very satisfactorily. The water supply was good and abundant, but as usual the pumps had to be frequently worked to supply the second floors.

2. *Hospital Buildings.*—Were kept in good state of repairs. The walls were oil-painted during the year. This appeared to be a great improvement on the plaster formerly used and alluded to in my last report. The same defects exist in the Hospital building as were pointed out in my last report, except that, at my suggestion and recommendation, a servants' bathing place was built during the year on the west side of the Hospital near the servants' quarters, at a cost of Rs. 166-12-9. The Hospital fittings were kept in good order and the beds cleaned and insects were not allowed to infest them.

3. *General Health of the Town.*—Judging from Hospital work, I should say the general health was good. A full report under this head is submitted to the Municipality by the Health Officer.

4. *Attendance of Patients*—

(*a*) *In-door Patients.*—The total number of admissions during the year was 2,187 as contrasted with 2,440 of last year, being a decrease of 253. The total treated in the wards was 2,278 as contrasted with 2,565 of last year, being a decrease of 287. Each bed accommodated during the year about 19 patients. The average detention in Hospital was about 15 days. The average daily number of in-door patients was 88·6 ; the average of men being 74, women 9·8 and children 4·8.

(*b*) *Out-door Patients.*—The total number of admissions was 17,344 as contrasted with 17,133 of last year, showing an increase of 211. The total treated was 17,464 as contrasted with 17,285 of last year. The average daily number of sick out-patients was 131·6. The same care was taken in the admission of patients to Hospital charity as was mentioned in my last report.

5. *Common diseases amongst the in-Patients.*—These I consider under three heads, *viz.*—1 Medical, 2 Surgical, and 3 Toxicological. They were in the following order of frequency :—

Medical.—(*a*). Malarial fevers, 244 admissions. Of these, there were 190 of the quotidian variety of ague, 44 simple and 10 complicated, remittent fever, *i.e.*, complicated with lung disease or liver disease.

(*b*) Dysentery 141. In nearly all cases the disease had far advanced before the patients sought admission, and in

many cases the patients were scorbutic, weakly and emaciated, having been long exposed to privation. Pilgrims just landed, beggars picked up in the streets, and such like people furnished these cases.

(*c*) Rheumatism 117. Of these, only 3 were cases of acute rheumatism with cardiac complication ; the rest were cases of chronic rheumatism, an affection as common in Bombay as the other is uncommon.

(*d*) Respiratory affections 102. The important cases amongst these, were 39 of pneumonia, 34 of chronic bronchitis of a severe form, and 11 of asthma.

(*e*) Tubercle 82. All were cases of pulmonary phthisis, most in a very advanced stage with large cavities and beyond the reach of any but paliative measures. These were principally pilgrims and beggars and others who gravitate to Bombay from out-stations whenever food becomes scarce in their own places.

(*f*) Diarrhœa 81. Nearly all were chronic and intractable cases occurring in half-starved and scorbutic patients such as beggars, pilgrims just landed from various ports, mendicants picked up in the streets by the police and brought often in a moribund condition to the Hospital. In these cases and in cases of dysentery, the want of proper and skilled nursing was very much felt. I firmly believe that if there were properly trained native nurses attached to this Hospital some of the deaths from these two diseases especially might have been averted, particularly in the female wards.

(*g*) Diseases of the nervous system 79. The principal were tetanus 18, hemiplegia due to hœmorrhage and softening 17, and epilepsy 13.

(*h*) Debility, old age and privation 72 cases. These were mostly beggars and pilgrims who were disabled by previous illness and hardships and sought food and shelter in the Hospital. Many such cases after a few days' stay in Hospital were sent to the Dharamshalas.

(*i*) Liver diseases 48. Of these, the important ones were hepatic abscess 17 cases, and hepatitis 18 cases. In these cases chills, alcohol and hot spicy food were, as usual, the causes assigned by many patients, but still I was quite satisfied that there were many others who never touched alcohol in any form in their lives, and never indulged in hot spicy food owing to their caste prohibitions. In such cases the disease was due to chill or was a sequel to remittent fever or dysentery. I mention these facts in order to show that the belief recently entertained in England and encouraged by the writings of Dr. Harley, that hepatitis and hepatic abscess were nearly always due to abuse of alcohol, is incorrect.

Surgical.—There were 552 cases of injuries admitted. Of these, the principal ones were in the following order :—

(*a*) Fractures of all kinds 215. These include 13 cases of fracture of the skull, 3 being of the vault and 10 of the base.

(*b*) Wounds of all kinds 191, mostly lacerated and contused.
(*c*) Contusions 113.
(*d*) Burns 20.
(*e*) Dislocations 11.
(*f*) Multiple injuries 10.

These were mill accidents, carriage accidents, Tram and Railway accidents, and principally accidents on the Shipping and in the Docks. The principal surgical diseases were in the following order :—

(*a*) Venereal diseases 73, including 34 primary, 27 secondary syphilis, and 12 gonorrhœa.
(*b*) Abscesses of various kinds 50.
(*c*) Ulcers of various kinds, principally of the leg, 47.
(*d*) Diseases of the rectum 25, principally piles and ulcers.
(*e*) Tumours 21. Of these, 7 were cancerous. In this connection I may mention that the only 2 cases of cancer of the mammæ that were operated upon during the year occurred in women who were vegetarians by caste and who had never touched animal food of any kind during their lives.
(*f*) Tetanus 18.
(*g*) Calculus in the bladder 16, mostly phosphate of lime calculi.
(*h*) Hydrocele 14.
(*i*) Diseases of the urethra 12.
(*j*) Diseases of bone 12.
(*k*) Strangulated hernia 8.
(*l*) Eye diseases 5.
(*m*) Ear diseases 3.

Toxicological.—There were 102 admissions into Hospital. Of these, the principal ones were 76 alcoholic, 13 opium, and 8 cannabis indica poisoning.

Common diseases amongst the out-patients were in the following order:—
(*a*) Malarious fevers 2,552 admissions.
(*b*) Scabies 1,527.
(*c*) Bronchitis 1,268.
(*d*) Ulcers 971.
(*e*) Worms 931.
(*f*) Rheumatism 912.
(*g*) Venereal diseases, including gonorrhœa and syphilis, 678.
(*h*) Diarrhœa 435.
(*i*) Eye diseases 335.
(*j*) Ear diseases 329.
(*k*) Dysentery 159.
(*l*) Phthisis 108.

There were 2,410 cases of local injuries treated as out-patients.

Police Medico-legal and Poisoning Cases Inquests, and Post Mortem Examinations.—There were 1,723 Police cases brought to Hospital during the year; the majority of these were cases of accidents and assaults. There were 10 cases of poisoning brought as out-patients besides those mentioned already as admitted into Hospital. Of these 10, 9 were alcoholic, and 1 cannabis indica poisoning. There were 60 cases of poisoned wounds, of which the principal ones were in the

following order :—(*a*) Rat-bites, (*b*) horse-bites, and (*c*) human-bites. There were 37 inquests held and 7 *post mortem* examinations performed during the year.

6. *Observations on Major Surgical Operations.*—There were a hundred operations performed during the year. Of these, 6 proved fatal, showing a mortality of 6 per cent., or 3·6 per cent. less than that of those performed last year. Four of these fatal cases being those of large hepatic abscesses, practically the mortality from purely surgical cases may be said to be 2 per cent. ; of these two, one was a case of amputation of the thigh for gangrene, the result of a compound fracture badly put up by a local bone-setter. In this case the immediate cause of death was tetanus, which had already commenced when the man was admitted. The other was a case of compound fracture of the leg, the man dying of exhaustion.

Of the hundred operations, the important ones were as follows :—

(*a*) Amputations 19. Of these, 16 were of the lower extremity, including 6 of the thigh and 3 of the upper extremity. There were 2 deaths.

(*b*) Calculus in the bladder 15. Of these, 11 were of lateral lithotomy, 2 lithotrity, and 2 litholapaxy. In one of these cases, lithotrity in 3 settings, was done on a Parsee boy aged 4. All were discharged cured.

(*c*) Hepatic abscesses opened by the knife with antiseptic precautions 9. Of these, 4 proved fatal, a mortality of 44·4 per cent.

(*d*) Partial excision and sequestrotomy for bone disease 7.

(*e*) Tumours removed 7. Of these, 3 were malignant—one of the testis and 2 of the mammary glands. In the case of the latter, the whole of the mammary gland was removed in one, and the whole gland, a large portion of the overlying skin, and the whole of the affected lymphatic glands in the axilla in the other.

(*f*) Dislocations reduced 5. Of these, 3 were shoulder, 1 knee and 1 hip.

(*g*) Operations for stricture 4. One stricture was cut by Berkely Hill's instrument (internal urethrotomy cutting from before backwards) and 3 were forcibly and at once dilated by Hall's method.

(*h*) Urinary fistula cauterized 3. These were vesico-perineal fistula, the result of unhealed fistulous tracts left after lateral lithotomy performed some years before. They were cauterized by the galvanic cautery. 2 were discharged cured and one left the Hospital in the same state as he was before admission, *i.e.*, unrelieved even after repeated cauterizations.

(*i*) Hœmorrhoids removed by Smith's Clamp and Cautery 2.

(*j*) Carbuncle on the back of the neck operated upon 1. In this case the whole of the carbuncular tissue which was cheesy was scooped out by a sharp spoon, the hœmorrhage being controlled by hot water, and the whole done with antiseptic precautions. The result was a speedy relief from pain and perfect healing in a short time.

7. *Mortality and its causes.*—There were in all 246 deaths, or 10·8 per cent. to total treated. This percentage was slightly less than

that of the previous year which was 11·5; 50 deaths occurred within 24 hours, 58 within 4 days, and 138 above a week after admission. This shows that about half the number of deaths occurred within a short space of time after admission, and this again shows the desperate nature of the cases admitted as remarked at length in my last report. Just as I reported last year, so during this year the diseases that caused the largest mortality were three—diarrhœa, dysentery and phthisis.

The principal causes of death in the medical wards were in the following order of frequency :—

(*a*) Diarrhœa 35, or 42·1 per cent. of total treated.
(*b*) Dysentery 33, or 22·1 per cent. of total treated.
(*c*) Tubercle 32, or 36·8 per cent. of total treated.
(*d*) Privations 18.
(*e*) Complicated remittent fevers 10.
(*f*) Pneumonia 9.

The principal causes of death in the surgical wards were in the following order :—

(*a*) Tetanus 12.
(*b*) Fracture of base of skull 6.
(*c*) Fracture of spine 5.

8. *Vaccination.*—Not practised.

9. *Conduct of the Establishment.*

(*a*) The House Surgeon Mr. Easdon's great zeal for work, his abilities as a Surgeon, his great tact in managing the Hospital and looking after the servants, his gentlemanly bearing and correct conduct and his great popularity among all who have had anything to do with this Hospital, are too well and widely known for me to say anything further about him.

(*b*) 1st Class Hospital Assistant Nagoo Luxamon, though near his pension time, worked very hard, and was always at his post, and treated the patients very kindly and gave me every satisfaction. He knows his work as much as is to be expected from a Hospital Assistant of the old stamp.

(*c*) 2nd Class Hospital Assistant, Peerajee Sevajee, though of delicate health, worked honestly, regularly and well, and took an intelligent interest in the welfare of the patients. He knows his work thoroughly well.

(*d*) 2nd Class Hospital Assistant, Vittal Lingoo, joined the Hospital recently. He has so far satisfied me by his work.

(*e*) 3rd Class Hospital Assistant, Syed Abdool, also joined the Hospital recently. He has also so far given me every satisfaction.

(*f*) Mr. Balkrishna Vassoodev, the Steward, discharged his responsible and onerous duties with credit and to my entire satisfaction. The patients never complained about the quality of the diets. He looked after the rations very carefully. His Assistant Steward, Cassinath Sadashiv assisted him to his satisfaction.

(*g*) Mr. J. P. Rodrigues, the Hospital writer, did his work as usual very well and gave every satisfaction.

10. GENERAL OBSERVATIONS.—The expenses were kept within bounds as far as possible. More economy was practised in the way of excluding from admission patients undeserving of Hospital charity than in reducing the medical comforts and diets of patients who were in Hospital. The principal requirements of the Hospital are the same as mentioned in my last report, with the exception of the servants' bathing place which is now enclosed by a wall.

D. N. PARAKH, Surgeon-Major,
In charge, Gokuldas Tejpal Hospital,

BOMBAY, 1*st March* 1889.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khyraz, Esq.—

No. 2772. "That the Annual Report on the working of the Gokuldas Tejpal Hospital for the year 1888, be *recorded.*"

Considered letter, dated 5th July 1889, from Messrs. Ebrahim Hadji Hubib, Suliman Mahomed and others, objecting to the license fees on their timber shops at Nowroji Hill, Don Tad Street and Chinch Bandar Road, being increased from Rs. 15 to Rs. 25.

Read Resolution of the Standing Committee, No. 2492, dated 10th idem, as follows :—

"That the Corporation be recommended to inform the petitioners that they will be charged for licenses proportionately according to the area occupied as per the scale sanctioned by the Corporation on 20th March last."

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 2773. "That, in reply to their letter, dated 5th instant, Messrs. Ebrahim Hadji Habib, Suliman Mahomed and others, be informed that they will be charged for licenses proportionately according to the area occupied as for the scale sanctioned by the Corporation on the 20th March last."

Mr. Viegas proposed that the scale of fees in question be reduced.

The President ruled that the amendment was not in order, as it would be necessary before such an amendment could be entertained, for the Municipal Commissioner to redraft the scale of fees, because under the Municipal Act the fees levied are to be at such rate as shall from time to time be fixed by him with the sanction of the Corporation. The existing scale was so prepared and was sanctioned by the Corporation on 20th March last.

Amendment, moved by G. W. Roughton, Esq., seconded by Rahimtula Khyraz, Esq.—

"That, with reference to the Resolution of the Standing Committee, dated 10th instant, the Municipal Commissioner be asked to consider whether the fees in question might not be received at the former rate of Rs. 15."

On a division, the amendment was *lost* by 14 votes *against* 7.

The original motion was then *carried* by 15 votes *against* 7.

This concluded the business of this meeting.

BOMBAY, 13*th August* 1889.

AT a Monthly Meeting of the Corporation held this day there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.: BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L. M. & S.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DINSHAW EDULJEE WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; A. M. GUBBAY, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJI PALLONJI KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTUMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the HEALTH OFFICER; and the MUNICIPAL SECRETARY.

The minutes of the adjourned Monthly and Special Meetings held on the 18th ultimo, were signed.

A letter was received, apologizing for the non-attendance of the Hon'ble Mr. Rahimtula M. Sayani on account of sickness.

Proposed by G. L. C. Merewether, seconded by J. R. Duxbury, Esq., and *carried*—

No. 2991. "That letter No. 2855, dated 31st ultimo, from the Municipal Secretary, to the President, reporting the Budget transfer sanctioned by the Standing Committee on the 17th idem, as under, be *recorded* :—

	Rs.	a.	p.
Transfer, from the grant for the construction of the new Municipal building, to the grant for contingencies, to provide office furniture and surveying instruments for the Clerk of the Works, the contingencies Rs. 1,000, sanctioned by the Corporation in its Resolution No. 1306, dated 10th June 1889, for the current year being insufficient to meet this charge.....	Rs. 900	0	0

Proposed by Cowasjee Hormusjee, Esq., seconded by Shivaji Dhurmaji, Esq.—

No. 2992. "That, as recommended by the Standing Committee in their Resolution No. 2814, dated 24th ultimo, sanction be given to the payment of Rs. 1,085-15-0, being the value calculated at 25 years' purchase, of the abatement of Government Revenue of land on the Flats taken up under the Land Acquisition Act, from Mr. Byramjee Jeejeebhoy, C.S.I., for the deposit of town sweepings. The charge to be paid as an advance from Cash Balance, to be adjusted against the loan to be raised hereafter."

Carried.

Considered the following :—

Letter No. 7004, dated 18th ultimo, to the Secretary, as under :—

SIR,—I have the honour to forward a copy of the Health Officer's remarks on the question of dealing with leprosy. (See Resolution of the Corporation, No. 56, dated 4th April.)

2. I imagine there can be little doubt that leprosy is a 'dangerous disease' as defined in Section 3 of the City of Bombay Municipal Act, 1888, and therefore the use of public conveyances by persons suffering from that disease is punishable under Sections 428-431. The sale of articles by such persons is punishable under Section 432 of the Municipal Act, and probably also under Section 269 of the Indian Penal Code. Under Section 424 of the same Municipal Act, such persons, if without proper lodging, or if lodged in building occupied by more than one family, may, upon medical certificate, be removed to a special hospital, or other similar place. The majority of such persons are beggars and are liable to be arrested and punished as beggars under the Bombay City Police Act.

3. These, as far as I am aware, are the only provisions of the existing law which can be used to place any restriction on lepers, and even these are only fortuitously applicable and in so far as they may be applicable,

are besides totally inadequate. Persons suffering from this disease may be seen in almost all places of public resort, at the public wells, at the railway stations, and in the close vicinity of the markets. As regards those lepers who are paupers, no remedy for the present state of things can be applied, for in the absence of any special leper hospital no action can be taken by Municipal or Police Officers, or by the magistracy, which will prevent these people from returning to their old haunts.

4. The only remedy lies in measures for special hospitals and compulsory segregation. For compulsory segregation, fresh legislation is required, and I am happy to see that this subject is now engaging the attention of the Government of India. I append to this letter for the information of the Corporation, copy of a Draft Act which I have recently received. For special hospitals, retreats or asylums, special funds will be required, to be provided either by taxation or charity, or both combined. I think that segregation should be insisted on equally in the case of rich and poor, such segregation as may be necessary to protect the public from the risk of catching the disease and from the disease being perpetuated. In the case of the well-to-do, the segregation may be effected by family or private agency independently of any public asylums, but for the poor, public asylums are indispensable, and for rich and poor alike there should be such a measure of control as will prevent the public health from being jeopardized, and ensure the opportunity of proper treatment for the sufferers.—I have, &c.,

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

Memorandum No. 6429, dated 14th June 1889, as under :—

By the last census 430 lepers were enumerated. There are now probably more than twice that number of lepers. In the Dhurumsala in Byculla there are 78 men, 79 women and 12 children.

Under the Municipal law the lepers cannot be interfered with practically. Lepers wander through the city, live where they please, and associate with people who are not lepers. Lepers even sell in the streets. Not only are there lepers propagating leprosy, but there are some families in which leprosy may be said to be hereditary. As to the necessity of removing lepers from the city and isolating them there can be no doubt. I will give one instance of the danger of freedom to lepers. On one evening while inspecting a bakery, I found a leper inside the bakery and, as I suspected, living in it. This leper was a European, strange to say. In any measure for dealing with lepers, there are two important considerations to be kept in mind, (*a*) are lepers to be treated as persons committing a nuisance and summoned before a Magistrate ? (*b*) are rich lepers to be treated like poor lepers ?

If a measure is in contemplation to deal with lepers, and if it is proposed to deal with lepers after the procedure adopted in dealing with offences against the public health, that measure will be a failure. I would earnestly urge that there is only one way of dealing with lepers, and that way is by segregation. The lepers will have to be removed, for willingly they will not leave the city. In

reply to the Resolution of the Corporation, No. 56 of 4th April last, inquiring "what additional powers, if any, are required by the Health Department to enable it to deal effectively with the evil" I would answer: the power to remove lepers, rich and poor, to a place set apart for lepers.

T. S. WEIR, Health Officer.

No. 2607.

GENERAL DEPARTMENT.

Bombay Castle, 3rd July 1889.

Resolution of the Government of India, Home Department (Medical) No. 5—351-61, dated 15th June 1889:—

"Read—

Home Department Resolution, No. 8—623-33, dated the 26th September 1888, regarding the treatment of leprosy in India.

"Read also—

Letter No. 6035—318, dated the 16th October 1888, from the Chief Commissioner, Central Provinces.

Letter No. 4312—3827, dated the 19th December 1888 (endorsed by Foreign Department, No. 3071, dated the 24th January 1889), from the Officiating Resident in Mysore, with enclosures.

Home Department memorandum No. 132, dated the 5th March 1889, to the Legislative Department.

Draft Bill to make provision for the isolation of lepers and the amelioration of their condition.

RESOLUTION.

"In Home Department Resolution of 26th September 1888 the Governor-General in Council encouraged the grant of medical and charitable relief to lepers in voluntary Hospitals and Leper Asylums, and directed that the condition of segregation of the sexes should be imposed in the case of every institution for the relief of lepers which receives aid from public funds. Having again considered the subject, His Excellency in Council thinks that some further measures may now be taken with the object of promoting the establishment of asylums or retreats for lepers; and giving legislative sanction to the retention of lepers in such retreats. The Governor-General in Council has therefore directed the preparation of the Bill herewith circulated for consideration and opinion, in which provision is made for the detention of lepers, generally on their own application, and in certain cases compulsorily, under the orders of the District Magistrate, in retreats provided for their accommodation. His Excellency in Council now requests that the Local Governments and Administrations will take the Bill into their early consideration, and favor the Government of India with their views on the provisions contained in it after consulting official and and non-official opinion in the matter. The Governor-General in Council will also be glad if, in submitting their reports on the Bill, Local Governments and Administrations will state whether in the opinions of persons qualified to form a judgment the disease of leprosy is on the increase or not.

"A point of minor importance connected with the subject under discussion, is the payment of expenses connected with the removal and confinement of lepers found in a province or district which is not that of their domicile. As at present advised, the Governor-General in Council doubts if it will be expedient to go beyond the principle that expenses incurred in removing vagrant lepers to hospitals or asylums shall be borne by the persons or authorities desiring to remove them, but he will be glad to receive the views of Local Governments and Administrations on the point."

RESOLUTION.—Copies of the Resolution of the Government of India and of the Bill accompanying it should be forwarded to the Honourable the Chief Justice and Judges of Her Majesty's High Court of Judicature, the Commissioners of Divisions, the Commissioner in Sind, all Collectors and District Magistrates, all Educational Inspectors, the Sanitary Commissioner, the Remembrancer of Legal Affairs, the Inspector-General of Police, the Commissioner of Police, Bombay, the Municipal Commissioner for the City of Bombay, and the Honorary Secretary, Edalji Framji Allbless Leper Home, Trombay, for favour of their early opinion.

2. The Surgeon-General should be asked to obtain and submit with his own observations the opinions of some of the professional men who have given attention to this subject, and also of Dr. Pechey Phipson. The persons to be consulted need not be exclusively officials.

J. DE C. ATKINS,
Acting Under-Secretary to Government.

A

BILL

TO

Make provisions for the isolation of lepers and the amelioration of their condition.

WHEREAS it is expedient to make provision for the isolation of lepers and the amelioration of their condition; it is hereby enacted as follows:—

Title, extent and commencement.

1. (1) This Act may be called the Lepers Act, 1889.

(2) It shall extend to the whole of British India; and

(3) It shall come into force at once.

Definitions.

2. (1) In this Act unless there is something repugnant in the subject or context,—

(1) "leper" means a person with respect to whom a certificate that he is suffering from leprosy has been made by a medical practitioner having from the Local Government general or special authority, by name or in virtue of his office, to certify as to the existence or non-existence of the disease in any person alleged to be suffering therefrom:

(2) "retreat" means a place for the time being approved by the Local Government as suitable for the accommodation of lepers; and

(3) "District Magistrate" in-

cludes a Chief Presidency Magistrate, and any Magistrate of the first class whom the Local Government may, by name or in virtue of his office, invest with the functions of a District Magistrate for the purposes of this Act.

Power of local authorities to expend funds on and appropriate property to retreats for lepers.

3. (1) Any council, board, committee, corporation, or other body of persons having authority over any municipality, cantonment or other local area, may, notwithstanding anything in any enactment with respect to the purposes to which the funds or other property of such body may be applied,—

(*a*) establish or maintain, or establish and maintain, or contribute towards the cost of the establishment or maintenance or the establishment and maintenance of a retreat;

(*b*) with the previous sanction of the Local Government and subject to such conditions as that Government may prescribe, appropriate any immoveable property vested in such body, and either retain and apply it or transfer it by way of gift or otherwise, as a site for, or for use as, a retreat.

(2) Any moneys placed by any enactment for the time being in force at the disposal of a Local Government for the purpose of the establishment or maintenance of hospitals, dispensaries, lunatic asylums or other institutions for affording medical relief may, notwithstanding anything in such enactment, be applied to all or any of the purposes mentioned in subsection (1), clause (*a*).

Detention of lepers in retreats at their own request.

4. (1) Any person knowing or believing himself to be suffering from leprosy who desires to be admitted into a retreat may apply orally or in writing to any Magistrate for admission thereto and for detention therein either for life or for a term of years.

(2) On receiving such an application the Magistrate, upon proof that the applicant is a leper, may, with the concurrence of the person in charge of the retreat and where he is not himself the District Magistrate, with the previous sanction of the District Magistrate, record an order authorising the admission of the applicant into the retreat and his detention therein for the time mentioned in the application.

Detention of lepers in retreats otherwise than at their own request.

5. A District Magistrate may order the arrest of any person whom he has reason to believe to be suffering from leprosy and who is found asking for alms or wandering about without any employment or visible means of subsistence, and may, upon proof that the person is a leper, commit him to a retreat with the concurrence of the person in charge thereof, to be there detained, subject to the provisions of this Act.

Discharge of lepers from retreats.

6. The Local Government, or a District Magistrate, or any person having from the Local Government general or special authority in this behalf by name or in virtue of his office, may, subject to the provisions of any rules under this Act, at any time order the discharge from a retreat of any person detained therein under either of the two last foregoing sections.

Recovery of lepers escaping from retreats.

7. If a leper detained for life under Section 4 or detained in pursuance of an order under Section 5 leaves a retreat otherwise than in accordance with an order of discharge under Section 6, or if a leper detained for a term of years under Section 4 so leaves a retreat before the expiration of that term, he may be arrested and brought back to the retreat by any police officer or by the person in charge of the retreat or any person acting under his direction.

Power of Local Government to make rules.

8. The local Government may make rules with respect to all or any of the following matters, namely :—

(*a*) the inspection of places used or proposed to be used as retreats, and the powers which may be exercised by an officer making such an inspection ;

(*b*) the management of retreats ;

(*c*) the conduct of lepers in retreats maintained wholly or in part by the Government or by any such body as is referred to in Section 3, Sub-section (1);

(*d*) the exercise by District Magistrates and other persons of their authority to discharge lepers from retreats under Section 6 ;

(*e*) the restrictions, and the deprivations of indulgence, to which a leper may be subjected by way of punishment for misconduct in a retreat or for leaving a retreat in circumstances which justify his being brought back thereto under Section 7 ; and,

(*f*) generally, the carrying out of the purposes of this Act.

Segregation of lepers from persons of opposite sex.

9. A place shall not be approved as suitable for the accommodation of lepers unless such provision has been made for the segregation of male and female lepers from leprous or other female and male persons, respectively, as the Local Government deems sufficient, nor shall the appropriation of any immoveable property by any such body as is referred to in Section 3, Sub-section (1), be sanctioned for either of the purposes mentioned in clause (*b*) of that sub-section except on the condition that such provision as aforesaid either exists or shall be made, and shall be maintained.

Protection of religious beliefs of lepers in retreats.

10. No leper shall against his will be sent under Section 4 or Section 5 to any retreat where attendance at any religious observance or at any instruction in religious subjects is obligatory on lepers accommodated therein.

In accordance with notice of motion, it was—

Proposed by T. B. Kirkham, Esq.—

"1. That the Corporation learns with much satisfaction that the Government of India contemplates early legislation with the double object of preventing the spread of leprosy and ameliorating the present condition of lepers.

"2. That the Corporation further records its general approval of the principles of the Draft Lepers Bill, *viz.*, the compulsory segregation of lepers, the provision of public

asylums or retreats under adequate supervision and with all proper safeguards, and the separation of the sexes in such public asylums.

"3. That the Corporation endorses the opinion expressed by the Municipal Commissoner and Health Officer that the principle of segregation should apply equally to rich and poor; the latter being provided for in the public asylums and the former being required to adopt all precautions necessary to protect other members of the community from involuntary contact with them.

"4. That in the meantime the Municipal Commissioner be requested, in conjunction with the Police, to afford the authorities of St. Xavier's College and the Elphinstone High School assistance to test the applicability of Section 269, Indian Penal Code, and the Sections of the Municipal Act quoted by him to the case of the Nacoda Tank lepers with a view to the mitigation of the nuisance complained of to the utmost extent the existing law will allow.

"5. That the President be requested to acquaint Government with these Resolutions for communication, if Government be so advised, to the Home Department of the Government of India."

The motion was seconded by Cowasjee Hormusjee, Esq.

The Commissioner read Government Resolution No 3102, General Department, dated 3rd instant, as follows:—

Memorandum from the Judicial Department of the Secretariat, No. 3666, dated 12th July 1889—Transferring the following papers :—

Memorandum from the Director of Public Instruction No. 6938, dated 9th February 1889—Submitting, with a request that early steps will be taken to remove the nuisance, a letter from the Educational Inspector, C. D., who reports that a colony of lepers have taken up their quarters on the flags surrounding the large Nacoda Tank which lies between St. Xavier's College and the Elphinstone High School; observes that so far the efforts of the College and School authorities and their appeals to the Police and Health authorities of the City have failed to effect their removal; and makes remarks.

Memorandum from the Educational Department of the Secretariat, No. 337, dated 18th February 1889.

Letter from the Solicitor to Government, No. 200, dated 28th February 1889.

Memorandum from the Collector of Land Revenue, Customs and Opium, Bombay, No. L.R. 736, dated 12th March 1889—Stating that

from the records of that office it appears that the Nacoda Tank, on the flags surrounding which some lepers are said to have taken up their quarters, was made over to the Bombay Municipality under instructions conveyed in Government Resolution No. 206-C.W. —697, dated 2nd June 1879, Public Works Department; and observing that the surrounding open ground is the property of Government and is in charge of the Executive Engineer, Presidency.

Memorandum from the Director of Public Instruction, No. 229, dated 10th April 1889—Forwarding copy of the correspondence that has passed between the School authorities, the Police and the Health authorities on the subject.

Memorandum from the Educational Department of the Secretariat, No. 749, dated 18th April 1889.

Letter from the Solicitor to Government, No. 478, dated 7th May 1889, —Stating that it seems to him that in all probability many of the lepers have rendered themselves liable to prosecution for committing a public nuisance; suggesting that, if the leprosy from which the people suffer is an infectious disease dangerous to life, Government may by notification, under Section 12 of Bombay Act VI of 1867, determine it to be so, and that those who suffer from the disease be removed to a Sanitarium; observing that the Municipality should be requested to see that no nuisance is committed near the tank which is in their custody; and suggesting that a report be called for from the Commissioner of Police as to the present state of circumstances.

Memorandum from the Commissioner of Police, Bombay, No. 3696—6, dated 19th June 1889—Reporting on (*a*) the present state of circumstances as regards the lepers in Bombay, (*b*) whether they live by begging, and (*c*) the question of their prosecution.

RESOLUTION.—The Nacoda Tank, on the pavement surrounding which the lepers in question are stated to have located themselves in large numbers, is in the possession of the Municipality. The Municipal Commissioner for the City of Bombay should therefore be requested to take early measures towards the ejection of the lepers from that property and to see that they do not again resort to that place in future.

2. As remarked by the Commissioner of Police, Bombay, what is needed to prevent lepers from thus establishing themselves in certain inconvenient localities, or loitering about the public streets to the great danger of the inhabitants, is the setting apart of a place where these unfortunate persons could be treated. Under Section 424 of the City of Bombay Municipal Act, 1888, it is the duty of the Municipality to remove to any hospital or place provided for the purpose any person who without proper lodging or accommodation is suffering from a dangerous disease. The Municipal Commissioner should be requested to provide a suitable place for this purpose as early as possible.

J. DEC. ATKINS,
Acting Under Secretary to Government.

No. 3696.

POLICE COMMISSIONER'S OFFICE,
BOMBAY, *19th June* 1889.

REPORT—

(a.)—Present state of circumstances.

1. My enquiries show that the city of Bombay is much infested by lepers and that they are steadily on the increase; wandering about the streets and mingling with the inhabitants as they do, they are not only a great public nuisance, but a source of serious danger to the community, and it is a matter of urgent necessity that early measures should be taken to rid the general public of daily contact with such an infectious and serious disease. Roughly estimated, the number of known lepers in the city is between four and five hundred.

(b.)—Do the Lepers live by begging?

2. Nearly all the lepers exist by begging, but a few are well-to-do and either earn a livelihood themselves by some trade or are supported by their relatives. Those who are mendicants (I should say over 90 per cent.) squat by the side of the public roads, or near temples and ask alms. During the warm weather they lie about in the streets at night, and when it is cold or wet, obtain such shelter as they can in verandahs, in vacant corners of buildings and the Leper Dharamasala. They are most of them miserable objects and are to be seen going about in all stages of this loathsome disease. There are several cases of attempted suicide among them and of drowning in tanks during the year. The former cases give much trouble; they are generally taken to hospital in "recklas" which have to be disinfected afterwards.

(c.)—Prosecution.

3. The Solicitor points out the law under which these lepers can be prosecuted, but there is no question under this head. They can be dealt with fully under the Municipal Act, and if Section 424 were enforced, we could clear the streets of them in a few days. The difficulty lies not in the law for dealing with them, but in the want of a place for their accommodation, and until this is provided the Police are unable to move. It is of no use the Police arresting and placing these miserable creatures before the courts when the magistrates have no place to send them to, as we cannot crowd our jails with them; besides there would be nothing gained by sending them to jail for a few days and then turning them loose in the streets to wander about and beg as before.

4. Let there be a place set apart for the accommodation of lepers, and the Police will clear the city of them in a very short time; but until that is done, we are helpless. In any accommodation provided I am decidedly of opinion that the segregation of the sexes should be enforced.

5. The large number and increase of lepers in this city is no doubt brought about in a great measure owing to the well-known generosity and charitable nature of the wealthy inhabitants by whom they are fed daily, and I cannot help thinking that, if some scheme were set on foot for the accommodation and maintenance of these poor creatures, the native gentlemen of Bombay would freely contribute to it.

F. J. WISE, COLONEL,
Acting Commissioner of Police.

Amendment, moved by Dr. Rastamji N. Khory, seconded by Bhalchandra K. Bhatawadaker, Esq.—

"*Para* 2.—That the words 'the compulsory' to the word 'asylum' in line 7 be *struck out*, and that the paragraph read as follows :—

"'That the Corporation further records its general approval of the principles of the draft Leper Bill, and expresses its opinion that the object of the Bill being to prevent the spread of leprosy which has reached that stage at which it endangers public health, the words 'leprosy' and 'lepers' should be clearly defined in the Bill.'

"That paras. 3 and 4 be expunged."

Mr. Kirkham and his seconder accepted the proposed amendment in para. 2, but declined to omit paras. 3 and 4.

The voting was taken para. by para. as follows :—

		For	*Against.*	
Para.	1	*Unanimously.*		
„	2 (as amended)	*Nem. con.*		
„	3	12	26	*Lost.*
„	4	(*struck out*, not voted on.)		
„	5 (now No. 3)	*Unanimously.*		

The motion, as thus amended, was *carried*, as follows :—

"1. That the Corporation learns with much satisfaction that the Government of India contemplates early legislation with the double object of preventing the spread of leprosy and ameliorating the present condition of lepers.

No. 2993.

"2. That the Corporation further records its general approval of the principles of the draft Lepers Bill, and expresses its opinion that the object of the Bill being to prevent the spread of leprosy which has reached that stage at which it endangers public health, the words 'leprosy' and 'lepers' should be clearly defined in the Bill.

"3. That the President be requested to acquaint Government with these Resolutions for communication, if Government be so advised, to the Home Department of the Government of India."

At 5-15 o'clock the Meeting separated and the President fixed the adjourned Meeting for 3 P.M., on Thursday, 15th instant.

BOMBAY, 13*th August* 1889.

THE business of the adjourned Monthly Meeting (originally called for the 8th ultimo, and adjourned from

the 18th idem), fixed for this day at 3-30 P.M., was not proceeded with, as the business of the above Meeting lasted until 5-15 P.M.

BOMBAY, 15*th August* 1889.

AT the adjourned Monthly Meeting of the Corporation (originally called for the 13th instant, and adjourned from that day), held this day, there were present :

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJEE, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; DAMODAR TAPIDAS, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; REGINALD GILBERT, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; RAI BAHADUR LUCHMON SINGH; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; and the MUNICIPAL SECRETARY.

The signing of the minutes of the Monthly Meeting held on the 13th instant, and the record of the adjourned Monthly Meeting called for the same day, was postponed.

A letter was received from K. M. Shroff, Esq., apologising for non-attendance on account of his sister's death.

Proposed by E. B. Carroll, Esq., seconded by Narotumdas Govardhandas, Esq.—

No. 3089. "That, as recommended by the Standing Committee in their Resolution No. 2808, dated 24th ultimo, sanction be given to an arrangement with Mr. Moreshwar Rowji by which, in exchange for the piece of the Municipal land encroached upon by him, shown in red colour on the tracing marked A, and dated 24th idem, and lying on the north-west of a public passage at Parel village, admeasuring 4 square yards, or thereabout, he gives up to the Municipality a plot of land of equal area and shown on the said tracing in green colour situate on the north-west of Parel village main road opposite to house No. 1409, the land so transferred to the Municipality being required for the improvement of the main road thereat."

Carried.

133793

Proposed by E. B. Carroll, Esq., seconded by Shivaji Dhurmaji, Esq.—

No. 3090. "That, as recommended by the Standing Committee in their Resolution No. 2529, dated 17th ultimo, sanction be given to the taking over, from Mr. Anundrao Ranoji Kandway Wagari, of the fountain with the ground on which it stands at Wadala, as shown in the tracing marked A, dated 17th idem.

"That this taking over and declaring the fountain to be public be subject to a satisfactory proof of title of ownership on the part of the donor."

Carried.

Considered the following :—Letter No. 2831, General Department, dated 19th July 1889, to the President, as under :—

SIR,—I am directed to acknowledge the receipt of your letter No. 1088, dated May 29th last, in which, as requested by the Corporation, you ask for a reconsideration by Government of the terms as prescribed in the letter of Government in the Public Works Department, No. M-1, dated April 21st 1889, to the address of the Municipal Commissioner, on which Government have agreed to grant a lease of the site of the new Municipal Office.

2. The requests put forward by the Municipal Corporation as set forth in paragraph 2 of your letter are—first, that only Rs. 20 per yard should be charged by Government for any additional land required for the site of the office in excess of 6,000 square yards, and second, that payment should not be demanded of the annual ground rent of one anna per square yard stipulated for in the letter from the Public Works Department above mentioned.

3. As regards the question of the ground rent, I am to observe that the allotment by Government of a site to the Municipality did not involve or imply the grant in fee simple of the land so allotted : the site was only given on the customary terms. Those terms were set forth in detail in the draft agreement for lease forwarded for the approval of the Municipality in November 1885, but of which no notice was taken until quite recently, although a reply regarding it was repeatedly asked for. No demand in respect of ground rent has now been preferred which was not covered by the terms of the draft agreement, which was in the usual form of Esplanade lease, as submitted to the Municipality more than 3½ years ago. As matters stood when the subject came on for decision early in the current year, the grant was still specifically governed by the terms of the draft agreement.

4. With reference to the charge of Rs. 40 per square yard, which the Municipal Corporation ask should be reduced to Rs. 20 for land assigned for the site in excess of 6,000 square yards, I am to point out that Government in granting to the Municipality 6,000 square yards of most valuable land in a very important position at a rate of only Rs. 15 per yard have treated the Municipality with very great liberality, giving it the land at an exceedingly low rate as compared with the sum it

would have realised if leased to private individuals. The concession thus allowed seemed to the Governor in Council to be at least sufficient, and it appeared but reasonable and proper that for any further land needed in addition to the 6,000 square yards, a price should be required which would more nearly approximate to the market value of the land. Government are not aware what are the particular sites referred to in paragraph 4 of your letter. No land in the locality in question has been sold by Government since 1881 when certain plots of decidedly lower value were sold at the rate of Rs. 25 per square yard, subject to the usual ground rent. Obviously, however, the price realised by land sold eight years ago is no criterion of the present value of that land. The value of the site of the Municipal Office was, I am to add, estimated at Rs. 50 per square yard in May 1888, by the Collector of Bombay.

5. The Governor in Council, therefore, for the reasons above assigned, regrets that he is unable to comply with either of the requests made by the Municipal Corporation as set forth in your letter.—I have, &c., J. NUGENT, Chief Secretary to Government.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Khan Bahadur Muncherji C. Murzbán—

"That Government letter No. 2831, dated 19th ultimo, General Department, on the subject of the terms for the additional ground taken up for the site of the new Municipal office building be *recorded*, and that sanction be given to the payment from the Building Fund Investment of Rs. 24,000 for the additional 600 square yards, or thereabout, of land at the rate of Rs. 40 per square yard."

Amendment, moved by G. W. Roughton, Esq., seconded by the Hon'ble Mr. Pherozeshah M. Mehta—

"That the consideration of letter from Government on No. 3091. the subject of the terms for the additional ground taken for the site of the new Municipal office be deferred.

"That, before any further land be purchased, the Municipal Commissioner be requested to instruct the Solicitors to obtain the opinion of the counsel as to whether the Corporation is in the circumstances that have happened, bound to take a lease in the ordinary Esplanade form, or whether they are not entitled to a lease in the ordinary form, or even to a grant."

With the permission of the President and the consent of the meeting, the original motion was *withdrawn* and the amendment was *passed* as the original motion.

---

* The words "That" to "deferred" were inserted at the suggestion of the Hon'ble Mr. Pherozeshah M. Mehta.

Considered the following :—

Letter No. 2923, General Department, dated 24th July 1889, to the President, as under :—

SIR,—In continuation of Government letter No. 3868, dated 5th November 1888, I am directed to forward herewith a letter from the Remembrancer of Legal Affairs, No. 709, dated the 29th ultimo, and its accompanying draft Bill to prevent the adulteration of ghee and other articles and the sale thereof, and to request that Government may be favoured with any remarks that the Corporation may have to offer on the provisions of the draft Bill.—I have, &c., J. DEC. ATKINS, Acting Under-Secretary to Government.

Letter No. 709, dated Poona, 29th June 1889, to the Chief Secretary to Government, General Department, as under :—

SIR,—As desired by Government Resolution No. 3869, General Department, of 5th November 1888, I have the honour to submit for approval a draft Bill on the lines of that submitted by the Corporation of the City of Bombay, avoiding all that is provided for in the City of Bombay Municipal Act (Bombay III. of 1888), and making provision for the extension of the Bill from time to time to any District or place by notification in the *Bombay Government Gazette*.

2. Section 244 (C), (D), (E) and (F) of the draft submitted by the Corporation, have been practically adopted almost verbatim in Section 415 et seqq. of Bombay III. of 1888. I have therefore omitted those provisions in the draft herewith submitted.

3. The greater part of the draft supplied by the Solicitor to the Corporation is taken from the English Acts 38 and 39, Victoria Chapter 63, and 42 and 43, Victoria Chapter 30.

4. I have, however, ventured to make a few formal alterations.

5. The definition of the word "Food," I have placed at the beginning of the draft as in the English Act.

Perhaps, if Government should consider the Bill too sweeping in its application to all articles of food, the definition might be limited to food, to which the Governor in Council might declare the Act to be applicable.

6. I have assimilated the form of the Sections to that used throughout the Indian Penal Code and have ventured to make *the mixture of ghee* punishable, not only if done with the *intention* that it should be sold, but also if done with *the knowledge that it was likely to be sold*.

7. I have also ventured to alter the liability to punishment for the sale of mixed ghee.

8. Under the draft submitted by the Corporation and the English Acts, the sale would be punishable, whether or not, there was knowledge of the mixture or reason to believe it had been made.

9. I think Government would consider an innocent sale of mixed ghee could not be treated as a punishable offence, and therefore in my draft render the sale punishable only if there be such knowledge or reason to believe. Of course if the mixture were patent to the senses, no proof of such knowedge or reason to believe would be necessary.

10. I also provide in Section 3 (2) an enhanced punishment if a person having been convicted either of mixing or selling mixed ghee is afterwards convicted of either selling or mixing such ghee, which, I think, was the meaning of the draft.

11. In Section 4, I follow the draft, but add an explanation which seems necessary, as it has been the subject of judicial decision in England, as to the meaning of the words "to the prejudice of the seller." The explanation is founded on the cases quoted in the margin of my draft.

12. In Section 5, I have followed the draft submitted by the Corporation.

13. In Section 6, I make provision for the Governor in Council to invest any officers of its own or of a Municipality, with the powers to be given in Bombay to the Municipal Commissioner.—I have, &c.,

H. BATTY,
Acting Remembrancer of Legal Affairs.

An Act to prevent the adulteration of ghee and other articles, and the sale thereof.

Whereas it is expedient to make special provision to prevent the adulteration of ghee and other articles (? of food), and the sale of adulterated ghee and other articles. It is enacted as follows :—

Short title. 1. This Act may be called the Bombay Adulteration Act 18. . .

Commencement and extent. It shall come into force at once in the City of Bombay and may be extended from time to time by the Governor in Council, by Notification in the *Bombay Government Gazette*, to any other district or place in the Presidency of Bombay and during such period as he shall deem fit.

Definitions. 2. In this Act, unless there be something repugnant in the subject or context, "Food" includes every article used for food or drink by man, other than drugs or water. 38 and 39, Victoria C. 63, p. 2.

"Vessel" means anything used or intended to hold or contain any article of food.

"Commissioner" means the Municipal Commissioner for the City of Bombay under the City of Bombay Municipal Act, 1888.

Punishment for mixing ghee for sale or selling as ghee, ghee so mixed. 3. (1) Whoever mixes ghee, or causes ghee to be mixed, with any ingredient, substance or material other than ghee, intending or knowing it to be likely that the same may be sold in that state as ghee, or who knowing or having reason to believe that any ghee has been so mixed, sells the same, or causes it to be sold in that state as ghee, shall be punished with fine which may extend to Rs. 200.

Enhanced punishment on second conviction. (2) Whoever having been convicted of either of the offences punishable under Sub-Section (1) shall thereafter be convicted of either of such offences, shall be punished with imprisonment for a term which may extend to six months, or with fine which may extend to Rs. 1,000, or with both.

Punishment for selling food not of the proper nature, substance or quality. 4. (1) Whoever sells to the prejudice of the purchaser any article of food which is not of the nature, substance or quality of the article demanded by such purchaser, shall be punished with fine which may extend to Rs. 100. 38 and 39 Victoria C. 6 p. 6.

Explanation.—An article shall be deemed to have been sold to the prejudice of the purchaser, if its nature, substance or quality is inferior to what the purchaser might reasonably have expected, would be sup-

plied in answer to his demand, unless before the sale thereof, the seller has brought such inferiority to the knowledge of the purchaser.

Webb *vs.* Knight. 2 Q. B. D. 530.

(2). *Provided that* no offence shall be deemed to have been committed under this Section, in the following cases, that is to say:—

Sandys *vs.* Small, 3. Q. B. D. 449.

(*a*) When any matter or ingredient not injurious to health has been added to the food, because the same is required for the production or preparation thereof as an article of commerce in a state fit for carriage or consumption, and not fraudulently to increase the bulk, weight or measure of the food or drug or conceal the inferior quality thereof ;

38 and 39 Victoria C. 63, p. 6.

(*b*) When the food is unavoidably mixed with some extraneous matter in the process of collection or preparation.

(3). In any prosecution under this Section it shall be no defence to allege that the purchaser having bought only for analysis was not prejudiced by the sale.

Powers of Commissioner as to entry, search and seizure.

5. If the Commissioner shall have reason to believe that at any place ghee is being mixed with any ingredient, substance or material other than ghee, with intent that the same may be sold as ghee, or that any substance or material other than ghee is being prepared or made up with the like intent, it shall be lawful for the Commissioner or Health Officer or any Municipal Officer or Officers, specially authorised by the Commissioner or Health Officer on that behalf, at any time by day or night, without notice to enter into, search and examine such place and to seize and remove any ghee so mixed and any such ingredients, substances or materials, as aforesaid which may there be found together with any utensils and vessels used for mixing, preparing or containing the same.

42 and 43 Victoria C. 39, p. 2.

(2). Provided that any article so seized shall, as soon as practicable, be taken before a Presidency Magistrate who shall have power to cause the destruction or to make order for the disposal thereof in such manner as he shall think fit.

Special powers how conferred on extending the Act.

6. It shall be lawful for the Governor in Council in extending this Act or at any time after the extension thereof to any district or place other than the City of Bombay, to empower by Notification, any Government Officer or class of Government Officers, or any Municipal Commissioner or Officer of a Municipality to exercise within such district or place all or any of the powers which are in the City of Bombay, by Section 5, conferred on the Commissioner.

Cognizance of offences against this Act.

7. Any offence against this Act shall be cognizable, in the City of Bombay, by a Presidency Magistrate, and elsewhere by any Magistrate.

Proposed by Javerilal Umiashanker Yajnik, Esq., seconded by Narotamdas Govardhandas, Esq.—

"That, with reference to its letter No. 2923, dated 24th ultimo, General Department, Government be informed that the Corporation approves of the draft Bill forwarded therewith and trusts that the Bill will become law as early as possible."

No. 3092.

Carried by 24 votes *against* 1.

Considered the following : Letter No. 2892, General Department, dated 23rd July 1889, to the President as under :—

SIR,—Under clause 2 of Section 144 of the City of Bombay Municipal Act, 1888, a person has to be appointed by the Governor in Council, with the concurrence of the Corporation, to fix the rateable value of the buildings and lands in the City of Bombay vesting in the Secretary of State for India in Council and beneficially occupied, and to this duty the Governor in Council proposes to nominate Mr. Stevens, M.I.C.E., C.I.E. I am now to request that you will be good enough to inform me whether the Corporation concurs in the appointment of Mr. Stevens, and consents to pay a moiety of the cost of his remuneration, such moiety not to exceed in any case the sum of Rs. 2,500.—I have, &c., J. NUGENT, Chief Secretary to Government.

Proposed by Javerilal Umiashanker Yajnik, Esq., seconded by Khan Bahadur Muncherjee C. Murzban—

"That the President be requested to inform Government, in reply to their letter No. 2892, dated 23rd ultimo, General Department, that the Corporation concurs in the appointment of Mr. F. W. Stevens, C.I.E., as the person appointed to fix the rateable value of the buildings and lands in the City of Bombay vesting in Her Majesty, and consents to pay a moiety of the cost of his remuneration, such moiety not exceeding in any case the sum of Rs. 2,500."

Amendment, moved by Jamsetjee K. Cama, Esq., seconded by Eknath Raghunath Khote, Esq.—

"That, with reference to its letter No. 2892, General Department, dated 23rd July 1889, Government be respectfully requested to reconsider its proposition in view of the circumstance that Section 144 of the Municipal Act does not require the Corporation to pay for the services of the person appointed to assess."

No. 3093.

On a division, the votes were—

	For.	*Against.*	
Amendment	11	6	
As the substantive proposition ...	12	5	*Carried.*

Considered letter No. 6916, dated 17th July 1889, from the Commisioner, as follows :—

SIR,—I have the honour to forward herewith a statement for the quarter ending 31st March 1889 as required by Corporation's Resolution No. 1270, dated 3rd October 1887.—I have, &c.,

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

QUARTERLY STATEMENT as per Corporation's Resolution No. 1270 of 1887-88, for the quarter ended 31st March 1889.

Wards.	Number of new properties assessed during the quarter with the total amount of assessment fixed for the same.		Number of previously existing properties, the assessments of which have been increased during the quarter and the total amount of the increased assessments.		Number of previously existing properties, the assessments of which have been reduced during the quarter and the total amount of the reduced assessments.		REMARKS.
	No. of Properties.	Amount of Assessment.	No. of Properties.	Amount of Assessment.	No. of Properties.	Amount of Assessment.	
		Rs.		Rs.		Rs.	
A.	1	1,500	*15	34,211	14	4,595	* This includes 5 properties formerly assessed as land, but now built on.
B.	8	4,888	†19	19,664	86	8,746	† Do. 9 do. do.
C.	6	6,369	‡32	80,040	57	16,409	‡ Do. 22 do. do.
D.	11	22,587	§17	17,252	20	5,390	§ Do. 9 do. do.
E.	19	22,673	25	22,874	49	11,805	‖ Do. 12 do. do.
F.	4	3,030	¶7	7,970	15	1,804	¶ Do. 1 do. do.
G.	8	4,626	**19	29,657	86	8,377	** Do. 8 do. do.
Total ...	57	65,673	134	1,30,378	227	52,126	

B. P. BRUNTON,
Assessor and Collector.

Proposed by E. B. Carroll, Esq., seconded by Eknath Raghunath Khote, Esq.—

"That letter No. 6916, dated 17th ultimo, from the Commissioner; forwarding statement of assessment of properties for the quarter ended 31st March 1889, be *recorded*."

No. 3094.

Carried.

Considered letter, dated 20th May 1889, to the President, from Mr. Byramjee Dadabhai Banajee, complaining of the want of drainage at Colaba Causeway and asking that the locality may be drained.

Also Resolution of the Standing Committee, No. 2534, dated 17th July 1889, as under :—

"That the Corporation be recommended to inform Mr. Byramjee Dadabhai Banajee, that the question of the drainage of Colaba is engaging the attention of the Commissioner, and as soon as a scheme is formulated, it will be laid before the Standing Committee.

"The Standing Committee concur with the Commissioner that, until such drainage is provided, it will be necessary to employ a large number of cesspool carts for the cleaning of cesspools."

Proposed by E. B. Carroll, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, in reply to his letter, dated 20th May 1889, regarding the want of drainage at Colaba Causeway, Mr. Byramjee Dadabhai Banajee be informed that the question of the drainage of Colaba is engaging the attention of the Commissioner, and that as soon as a scheme is formulated it will be laid before the Standing Committee."

No. 3095.

Carried.

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Accacio G. Viegas, Esq.—

"That, in reply to their letter, dated Glasgow, 27th June 1889, Messrs. George Smith & Co. be informed that the question of the supply of cast-iron and zinc ventilating shafts and of sundry cast iron fittings is one entirely between Messrs. Walsh, Lovett & Co. and Messrs. George Smith & Co."

Amendment, moved by Khan Bahadur Muncherjee C. Murzban, seconded by Dinshaw Edalji Wacha, Esq.—

"That letter to the Corporation, dated 27th June last, No. 3096. from Messrs. George Smith & Co., Glasgow, regarding the supply of cast-iron and zinc ventilating shafts and sundry cast-iron fittings be referred to the Commissioner for favour of disposal."

With the permission of the President and the consent of the meeting, the original motion was *withdrawn* in favour of the amendment, which then became the substantive proposition and was *carried*.

At 5 o'clock the meeting was adjourned and the President fixed Monday, the 26th instant, at 3 P.M., for the adjourned meeting.

BOMBAY, 15*th August* 1889.

THE business of the adjourned Monthly Meeting (originally called for the 8th ultimo, and adjourned from the 18th idem and 13th instant), fixed for this day, at 3-30 P.M., was not proceeded with, as the above meeting lasted till 5 P.M. The President fixed Monday, the 26th instant, at 3-30 P.M., for the adjourned meeting.

BOMBAY, 26*th August* 1889.

AT an adjourned Monthly Meeting of the Corporation of Bombay (originally called for the 15th instant and adjourned from that date) held this day, there were present:—

GRATTAN GEARY, Esq., *President*.

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAVADEKAR, Esq., L.M.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; REGINALD GILBERT, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; RAI BAHADUR LUCHMON SINGH; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTAMDAS GOVARDHANDAS, Esq.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.; CAPTAIN W. P. WALSHE. E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Monthly Meeting held on the 13th instant, and of the adjourned Monthly Meeting held on 15th idem, and the records of the adjourned Monthly Meetings called for those days, were signed.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 3326. "That letter No. 7734, dated 31st ultimo, from the Commissioner, pointing out the desirability of considering sections relating to overbridges and assessment of Railway property in the Indian Railways Bill now before the Government of India be referred to the following Committee for report before the 30th November. Three to form a quorum.

COLONEL G. L. C. MEREWETHER; MR. E. B. CARROLL; MAJOR H. O. SELBY; MR. THOMAS BLANEY; MR. J. R. DUXBURY; KHAN BAHADUR M.C. MURZBAN; THE HON'BLE MR. PHEROZESHAH M. MEHTA."

Carried.

Proposed by Muncherjee N. Banajee, Esq., seconded by Framji D. Divecha, Esq.—

No. 3327. "That the following Committee be appointed to draw up in conjunction with the Commissioner a representation to Government on the subject of Loan and Loan Funds in terms of the recommendations contained in paras. 2 to 7 of the Resolution of the Standing Committee, No. 2849, dated 31st July 1889, subject, however, to a careful consideration of the limit mentioned in para. 3, and to report with reference to paras. 1 and 8 what amendments, if any, are necessary of the amounts for works already sanctioned by the Corporation to be executed wholly or partly out of Loan Funds.

"That the preliminary report be presented within a fortnight from this date.

"MR. E. B. CARROLL; MAJOR H. O. SELBY; MR. JAVERILAL UMIASHANKAR YAJNIK; MR. COWASJEE HORMUSJEE; MR. DINSHAW EDULJI WACHA; COLONEL G. L. C. MEREWETHER; MR. G. COTTON; MR. MUNCHERJEE N. BANAJEE."*

Carried.

In accordance with notice of motion, it was proposed by Accacio G. Veigas, Esq.—

"That, in the opinion of the Corporation, it is desirable that the revenue and expenditure of each of the wards should be shown separately in the Municipal accounts with a view to ensure to each ward an adequate return for its contributions."

The above motion was seconded by Bhalchandra K. Bhatavadekar, Esq.

* The name of Mr. Muncherjee N. Banajee was added on the proposal of the Hon'ble Mr. Mehta.

After discussion, the mover, with the permission of the President and the consent of the meeting, *withdrew* his proposition.

This concluded the business of this meeting.

BOMBAY, 26*th August* 1889.

AT an adjourned Monthly Meeting (orginally called for the 8th ultimo and adjourned from the 15th instant) held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

J. S. ALSTON, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAVADEKAR, Esq., L. M.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C. DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; J. F. FERNANDES, Esq.; FRAMJI DORABJI DIVECHA, Esq.; L. M. & S.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; MIRZA HUSSEIN KHAN, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYAN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. PHEROZESHAH MERWANJEE MEHTA; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

Considered again the following :—

Resolution of the Corporation, No. 2485, dated 8th July 1889, as follows :—

"That the consideration of the draft By-laws with respect to new buildings other than buildings to which the provisions of Section 348 of the Municipal Act, 1888, are applicable, be postponed until the Solicitors have advised whether such By-laws would be *ultra vires* of the Corporation."

Proposed by Thomas Blancy, Esq., seconded by Mirza Hussein Khan, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 1328, dated 12th June 1889, and pending the preparation of complete By-laws under Section 461, Clauses (*c*), (*d*) and (*e*) of the City of Bombay Municipal Act, 1888, the following provisions be adopted as By-laws for all new buildings other than buildings to which the provisions of Section 348 of the Act are applicable :—

I. Structure, &c.—1. A person who shall erect a new bulding shall not construct any new foundation of such building on any site which shall have been filled up with, or shall have been used as a place for depositing, excrementitious matter or the carcasses of dead animals or other filthy or offensive matter, until such matter shall have been properly removed to the satisfaction of the Commissioner.

2. Every person who shall erect a new building intended to be used as a dwelling shall cause the same to be built with a plinth at least two feet above the centre of the nearest street and not below such standard level as may be fixed by the Commissioner in this behalf.

II. Ventilation, &c.—1. A person who shall erect a new building which abuts on a street of a less width than fifty feet shall not, without the written permission of the Commissioner, erect such building to a greater height than one-and-a-half times the width of the street it abuts on.

2. Every person who shall erect a new building intended to be used as a dwelling shall so construct such building that the whole of at least one side of every room thereof shall either be an external wall or abut on an interior open space having an area equal to not less than one-tenth of the aggregate floor area of all the rooms abutting thereon, and being not less in any direction than six feet across.

He shall provide between every external wall and the boundary line of owner's premises, except where such external wall faces a street of not less than fifteen feet in width, an open space, extending throughout the entire length of such wall, at least two feet wide or, in the case of a chawl or building intended to form a range of separate rooms for lodgers, at least five feet wide. He shall cause every open space, whether exterior or interior, required by this By-law to be constructed and kept free from any erection thereon and open to the sky and shall also cause the same to be constructed and kept open to access from each end thereof.

3. He shall construct every room intended to be inhabited in such building, except a room in the roof thereof, so that the same shall be in every part at least eight feet in height from the floor to the ceiling.

He shall so construct every such room in the roof of such building that the same shall have an average height of at least seven feet from the floor to the ceiling.

He shall so construct every such room that the same shall have a clear superficial area of not less than eighty square feet.

He shall so construct every such room that the same shall be ventilated by means of doors or windows which open directly into the external air and have an aggregate opening equal to not less than one-fourth of the superficial area of the side of the room which faces an open space.

4. Every person who shall erect huts or sheds or ranges or blocks of huts or sheds, whether the same are to be used as dwellings or stables or for any other purpose, shall, if the Commissioner so requires, build the same :

(*i*) so that they may stand in regular lines with a free passage or way in front of and between every two lines of such width as the Commissioner may direct for ventilation and for facilitating scavenging ; and

(*ii*) with such and so many privies, latrines or urinals and such means of drainage as the Commissioner may require ; and

(*iii*) at such a level as will suffice for the means of drainage required by the Commissioner.

" Every person who shall commit any breach of any of the foregoing By-laws shall be punishable with fine which

may extend to twenty rupees and, in the case of a continuing breach, with fine which may extend to ten rupees for every day after conviction for the first breach or after receipt of written notice from the Commissioner to discontinue the breach, during which the breach continues."

After discussion, it was agreed that para. 1 of the draft containing definitions be struck out and that under the head of "Structure," &c., para. 2 be numbered No. 1 and No. 3, No. 2 as above. Also that the paras. under "Ventilation" be numbered separately.

Amendment, proposed by Bhalchandra Krishna Bhatavadekar, Esq., seconded by Dinshaw Edulji Wacha, Esq.—

"That the consideration of the draft Building By-laws now before the meeting be referred to a Committee,* consisting of the Hon'ble Mr. Pherozeshah M. Mehta, Chairman; Mr. Thomas Blaney; Mr. R. Gilbert; Khan Bahadur M. C. Murzban; Mr. N. G. Chandavarkar; Mr. Jamsedji Kharsedji Cama; Mr. Bhalchundra K. Bhatavadekar and Mr. J. S. Alston. Three to form a quorum."

No. 3329.

The amendment was *carried*.

The Municipal Secretary informed the President that, as under the provisions of Section 17 of the Municipal Act certain members appeared to have vacated their seats and others to be about to vacate on account of non-attendance at meetings, he addressed letters to them on the subject at the commencement of this month. One gentleman has since resigned, one has vacated his seat, having been away from meetings since 15th April last, five other gentlemen have attended meetings within the prescribed period, whilst two gentlemen had written in explaining that illness has prevented their attendance, and requesting that the Corporation will be pleased to approve of such absence for the reasons stated.

Proposed by the Hon'ble Mr. Pherozeshah M. Mehta, seconded by Narayan Ganesh Chandavarkar, Esq.—

"That, in accordance with Section 17 (*b*) of the Municipal Act, the Corporation accept the reason for the absence of Sir Jamsetjee Jejeebhoy, Baronet, C.S.I., and of

* Mr. Duxbury was nominated to the Committee, but he declined to serve.

Mr. Damodhar Thackersey Mulji; and that of the last mentioned gentleman on account of ill-health as justifying his absence until the month of October."

Carried.

This concluded the business of this meeting.

BOMBAY, 10*th September* 1889.

AT the Monthly Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ANANDRAO NARAYEN VASUDEO, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; GEORGE COTTON, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; J. F. FERNANDEZ, Esq.; FRAMJEE DORABJEE DIVECHA, Esq., L. M. & S.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSEIN KHAN, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTUMDAS GOVARDHANDAS, Esq.; PHEROZESHAH MERWANJEE MEHTA, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned Monthly Meetings held on the 26th ultimo, were signed.

With the consent of the meeting, the President read the following :—

Letter No. 9799, dated 10th instant, to the Municipal Secretary, as follows :—

SIR,—You will have seen that it is proposed that the English Mail should leave Bombay henceforth on Sundays. It may be said that this is not a Municipal question, but I venture to think it is a matter about which the Corporation may well express an opinion. If the President agrees with me, he will decide as to the best way of eliciting the views of the Corporation on the subject. It seems to me that no legitimate means should be neglected of protesting against the change which would have the effect of making Saturday and Sunday the busiest days in the week in all offices connected directly or indirectly with the trade of this city.—I have &c., E. C. K. OLLIVANT, Commissioner.

The President put the question whether under the terms of section 36 (*l*) of the Municipal Act the ques-

tion should be treated as one of urgency, when it was decided *nem. con.* that the question should be so treated.

Proposed by the President, seconded by Pherozeshah M. Mehta, Esq.—

No. 3586. "That the President, on behalf of the Corporation, as representing all classes and communities of the city of Bombay, be requested to submit a respectful memorial to the Right Hon'ble the Secretary of State for India, protesting against the proposal to alter the day of departure of the English Mail to Sunday, which would result in serious evils affecting the health and welfare of the business people of this city and entailing on passengers from all parts of India great inconvenience."

Carried unanimously.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by the Hon'ble Mr. Rahimtula M. Sayani—

No. 3587. "That letter No. 3370, dated 30th ultimo, from the Municipal Secretary, to the President, reporting the Budget transfer sanctioned by the Standing Committee on the 7th idem as under, be *recorded* :—

Transfer from savings in Section II., office establishment, and Section IV., contingencies, Assessment and Collection Department Budget, to Section III., Ward Inspection Offices, same Budget, to meet the cost of acting arrangements made during the absence of Mr. Rustamji N. Coyaji, Superintendent, A ward, on privilege leave for three months from 22nd July 1889 ... ...Rs. 136-0-0"

Carried.

Proposed by Colonel G. L. C. Merewether, seconded by Manekji B. Dadabhai, Esq.—

No. 3588. "That, as recommended by the Standing Committee in their Resolution No. 3347, dated 28th ultimo, sanction be given to the payment of Rs. 7,000 from surplus cash balance to meet the excess, up to the end of the current year, over the Budget grant for pensions and gratuities."

Carried.

Proposed by Colonel G. L. C. Merewether, seconded by the Hon'ble Mr. Rahimtula M. Sayani—

No. 3589. "That, as recommended by the Standing Committee in their Resolution No. 3001, dated 14th ultimo, sanction be given to the sale to the

Jamshed Manufacturing Company, Limited, of 54·44 square yards, or thereabout, of Municipal land situate at Fergusson Road, shewn in red colour on the tracing* marked A, dated 14th idem, at the rate of Rs. 6 per square yard.

Carried.

Considered the following :—

REPORT OF THE COMMITTEE OF THE CORPORATION APPOINTED ON THE 4th APRIL 1889, TO CONSIDER THE WHOLE QUESTION OF SAVING LIFE IN TIMES OF EPIDEMIC.

In dealing with the subject referred to them, the Committee deemed it desirable in the first instance to ascertain what were likely to be the wants and requirements of the city in times of epidemic ; and in doing so, they have had the advantage of consulting the Executive Health Officer. They have come to the conclusion that provision for about 25 beds would suffice for all practical purposes in times of epidemic. There is a strong repugnance among all classes of the people to the removal from their house of people seized with cholera, and the Committee do not think it desirable or essential to enforce such removal. The resort to removal would be required only in cases of the very poorest classes of the people. With regard to a large class of the population, the Corporation, with the approval of the Municipal Commissioner and the Health Officer, have decided, that in all future epidemics, house visitation is the most suitable way, under all circumstances, of meeting it. The Committee concur in this view, and taking into account the statistics of epidemic mortality of the past five years, the Committee believe the wants of the city would be met to a great extent by a provision for about 25 beds.

2. The Committee next proceeded to enquire what was the practice prevailing in the public hospitals of the city as to the reception of patients suffering from cholera and other cases of analogous diseases, and what was the accommodation in the different hospitals for such patients.

In the Sir J. J. Hospital, cholera patients have always been, and are still being, received without question, at all hours of the day and night, and there is accommodation for 14 male and 6 female patients.

In the European General Hospital, there is accommodation for 6 cholera patients, and this has hitherto been found sufficient.

Up to November 1883 there was accommodation for 6 cholera patients in the Gokaldas Tejpal Hospital, but since the issue of Government Resolution, No. 4632, dated 15th December 1883, General Department, no patients suffering from infectious diseases are admitted into the hospital.

3. The Committee are of opinion that the best and most effectual way of meeting epidemic visitation is to utilize the existing hospital accommodation. The Grant Road and Arthur Road Hospitals should be maintained for this purpose. The Committee suggest that the Corporation may offer to make a small contribution to the Sir J. J. Hospital in times of epidemic, so as to help it in making suitable provi-

See Proceedings of the Standing Committee, dated 14th August 1889.

sion for maintaining at least 20 beds. With regard to the Gokaldas Tejpal Hospital, the Committee are of opinion that the attention of Government should be invited to the desirability of again reserving for the same purpose the separate building in the compound which was formerly reserved and used for several years for the treatment of contagious diseases. In making this suggestion, the Committee are aware that the separate building referred to is at present used for the reception of out-patients. If this accommodation is taken away, some other provision for the same will have to be made. The Committee recommend the Corporation to contribute towards the cost of a new building for out-patients in the hospital compound.

PHEROZESHAH M. MEHTA.
THOMAS BLANEY.
R. N. KHORY.
MUNCHERJI C. MURZBAN.
N. G. CHANDAVARKAR.
COWASJEE HORMUSJEE.

I have signed the Report, but differ from others about the G. T. Hospital compound building as per my minute.

C. H.

Minute by Mr. Cowasjee Hormusjee.

* * * I am altogether opposed to locating a hospital for contagious and infectious diseases in the compound of a General Hospital for very good sanitary principles and sound reasons. The poor sick patients in a general hospital are usually predisposed to any kind of disease and therefore it is most undesirable to have an epidemic hospital in their midst. The Gokaldas Hospital is principally the hospital for injuries and wounds and on that account, too, no medical gentleman should ever advocate the putting up of an Epidemic Hospital in its compound and in close proximity of the wards. Apart from the fear of contagion or infection, it is unwise to put up an Epidemic Hospital on account of the mental excitement and fear it is to produce on the minds of the already debilitated inmates of a general hospital. I have another strong objection to the separate building in the compound of the Gokaldas Tejpal Hospital being used as a hospital for contagious and infectious diseases, inasmuch as the materials of which the building is composed are not to be destroyed after using it each time. In fact the building is not built on the principles of our Grant Road and Arthur Road Epidemic Hospitals.

Some years ago the Bombay Government offered the use of Indian Government ship "Czarwitch" for a cholera hospital, and the Committee of the Corporation, having regard to the *materials* of which the vessel was composed, were strongly of opinion that it was not one suited for the purposes of a hospital for the reception and treatment of cases of infectious diseases.

The Municipal Secretary reported that, on the previous day, he had received the following note from Dr. Arnott

* Dr. Arnott left for Europe on the 13th August 1889, on furlough for one year on medical certificate.

from the Gulf of Suez, forwarding a minute regarding the foregoing report.

DEAR MR. BARROW,—I delayed sending in my resignation till I could write a minute on epidemic disease. I am afraid you will find difficulty in reading it for I am still weak and writing it has wearied me.—Yours, &c., JAMES ARNOTT.

It was agreed that the minute (which had been printed by the Secretary and was distributed to the meeting) be now considered.

Minute by Surgeon-Major Arnott.

I must apologise to the Corporation for my delay in sending on this report; but in the first instance I had to make some inquiries, and there I was prostrated by the severe illness which has compelled me to take furlough on sick certificate. This latter must also be my excuse for a brief minute on a subject I deem of much importance, but which I am unable from weakness to deal with as fully as I would wish.

2. I regret I am unable to sign the report. It discusses only the disposal of persons affected with cholera, whereas the resolution of the Corporation is to consider the whole question of saving life in times of epidemic. It should therefore, in my opinion, have embraced the whole subject of epidemic disease, and more especially the management of epidemics of small-pox and relapsing fever, as well as cholera. It should also have considered the remote, though possible, importation of plague from countries near the Persian Gulf. It should also have had more to say about the prevention of the spread of the disease. Under present circumstances, however, I am unable to do more than refer to the points raised in the report.

3. I am strongly of opinion that the Municipal executive should have power given them to compel the removal to hospital of cases of infectious disease whenever the circumstances in which the patient lives are such as to deprive him of much chance of recovery or are dangerous to others. This power, I understand, is already given in many towns at home, Edinburgh for instance, and is eagerly desired in others, and is in my opinion indispensable to the efficient management of an epidemic. But though I hold this opinion strongly, I am equally strongly of opinion that the power so given should be used with the greatest discretion. An indiscreet use of such power among an ignorant, timid, and excitable population might lead to serious inconvenience, as for instance, occurred a little more than ten years ago when there was a great epidemic of relapsing fever. I do not doubt that by degrees the people would become accustomed to a wise exercise of this power, and in time spontaneously seek the

relief and safety which, I think, should be pressed on them. The opposition would of course come at first from the ignorant and thoughtless. As an illustration of what now obtains in more enlightened countries, I may state that I know of cases where people of high social position, have on advice, sent their children when suffering from scarlet fever to hospital, and if I am not mistaken a good example in this way was shewn by a Professor in a great medical school.

4. In the case of those living in insanitary and overcrowded houses, I am strongly of opinion that removal to hospital is best for the patient, and is the only way of preventing the spread of disease. But as the full use of such power is probably inexpedient in Bombay at present, it may be well *as an experiment* to employ some medical gentlemen for house to house visitation and treatment, and those gentlemen would also be in a position to advise removal to hospital in those cases where it was expedient and necessary.

5. The number of beds suggested appears to me insufficient—at all events, it is insufficient for small-pox. I am opposed to the treatment of epidemic contagious disease in the compound of a general hospital. Such a procedure is, I believe, contrary to the opinion of the highest authorities, and from personal experience I can say that in some epidemic diseases it is dangerous, and in others inconvenient. I am therefore strongly of opinion that the cholera and small-pox wards in the Gokuldass Tejpal Hospital should *not* be re-opened, and that those in the Sir J. J. Hospital should be closed. But considering the exceptional circumstances of Europeans in India, I think that Europeans suffering from the diseases under consideration should continue to be treated in the European General Hospital.

6. I am opposed also to the continued use of the refuse-sheds in Grant Road as an hospital for epidemic disease. These sheds were erected not for the reception of sick people, but as a refuge for the people removed from houses in which epidemic disease had occurred, and the question of the suitability of the site for an hospital was never considered. If it had been considered, it must have been condemned. No one with any knowledge would approve of placing an hospital on a site in close proximity to a grave-yard in which people are daily interred, and in close proximity also to a crowded thoroughfare.

7. In my opinion the Municipality ought to make provision for the treatment of those suffering from epidemic disease quite independently of any aid from existing hospitals. For this purpose the Arthur Road Hospital should be completed to a sufficient size, and provided with a sufficient and efficient establishment which should be permanently entertained. An establishment hastily got together during an epidemic would be inefficient. *The hospital should in fact be kept in thorough working order at all times.*

Probably it would also be well to have another hospital situated somewhere near the northern end of Frere Road for patients from the crowded districts near. I mean Mandvi and the other districts between Kalbadevi Road and Frere Road.

8. There is also the harbour population to be considered, and for years the Health Officer of the Port and the Sanitary Commissioner have strongly urged the necessity of provision being made. This might either be by a disused ship used as an hospital or possibly by the hospital which, I have above suggested, should be provided on a site not far from the harbour.

JAMES ARNOTT, M.D.,

Surgeon-Major.

S. S. Kaiser-i-Hind, GULF OF SUEZ,
August 24th, 1889.

Proposed by Pherozeshah M. Mehta, Esq., seconded by Rahimtula Khairaz, Esq.—

No. 3590. "That the Report of the Committee of the Corporation appointed to consider the whole question of saving life in times of epidemic be approved and adopted.

"That the President be requested to write to Government regarding the treatment of contagious diseases in the Sir J. J. Hospital and the Gokuldas Tejpal Hospital in terms of the Committee's recommendations."

Amendment, moved by Colonel G. L. C. Merewether, seconded by Mulji B. Barbhaya, Esq.—

"That the minute by Dr. Arnott on the subject of epidemic diseases be circulated to the Corporation, and this discussion be postponed until the next meeting."

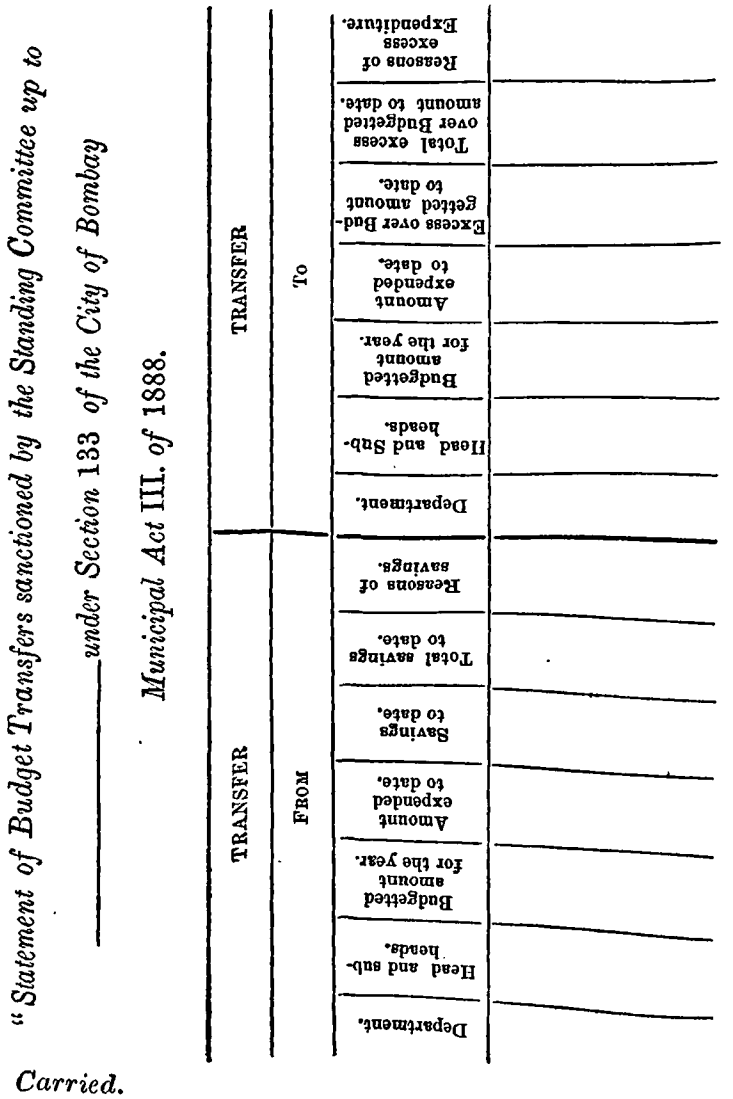
On a division, there were 4 votes *for* and 34 votes *against* the amendment, which was *lost*.

The original motion was *carried* by 32 votes *against* 1.

Proposed by Dinshah E. Wacha, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 3591. "That the Resolution of the Standing Committee, No. 2896, dated 7th ultimo, reporting that the return of Budget transfers, sanctioned by the

Committee, will in future be presented in the following form, be *recorded* :—



Carried.

Considered again letter, dated 12th July 1889, from Messrs. Aladin Karimji and five other Borah stall-holders in the Arthur Crawford Markets, complaining of enhanced stall rents demanded from them, and alleging that they have to suffer pecuniary loss.

Resolution of the Standing Committee, No. 3133, dated 21st August 1889, as under :—

"That, with reference to the complaint of Mr. Aladin Karimji and five other Borahs holding stalls in the Arthur Crawford Markets, the Corporation be informed that, under altered arrangements made for the general convenience and improvement of the markets, these persons were given stalls in another position in the markets.

"That the Corporation be recommended to refer the matter to the Commissioner for disposal."

Proposed by K. M. Shroff, Esq., seconded by Rahimtula Khairaz, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 3133, dated 21st ultimo, the petition, dated 12th July 1889, from Mr. Aladin Karimji and five other Borahs holding stalls in the Arthur Crawford Markets be referred to the Commissioner for disposal, and that the petitioners be informed accordingly."

No. 3592.

Considered again letter, dated 18th July 1889, from Mr. N. M. Langrana, stating that, under the agreement between Government and the late Sir Jamsetjee Jejeebhoy (the first Baronet), all traffic over the "Lady Jamsetjee Causeway" and the "Bandora Hill Road" was exempted from payment of toll ; that consequently the levy by the Bandora Municipality from the Bombay Municipality of Rs. 1,200 per annum for toll on meat vans is an illegal procedure, and suggesting that Government should be moved in the matter.

Also Resolution of the Standing Committee, No. 3139, dated 21st August 1889, thereon.

Read Acting Commissioner's No. 8157, dated 26th October 1883, Government Resolution No. 7665, dated 15th October 1883, Revenue Department, Resolution of the Town Council No. 1546, dated 31st October 1883, and Resolution of the Corporation No. 1615, dated 9th November 1883.

Proposed by K. M. Shroff, Esq., seconded by Rahimtula Khairaz, Esq.—

"That, in reply to his letter, dated 18th July 1889, Mr. N. M. Langrana be informed that the toll in question

was levied on Mahim Causeway before the year 1883, and that, as it was found to be illegal, the toll bar was, under the orders of Government, removed from that position to the Bazar Road belonging to the Bandora Municipality, although that Municipality objected to the change. The toll is supposed to be levied, not on conveyances passing over the causeway, but on those passing over the roads of the Bandora Municipality, the traffic on the causeway itself and the Gorbandar Road being free. The subject of the payment of toll by the Bombay Municipality has been considered by the Corporation and there is no real cause of complaint so far as the Corporation is concerned."

Amendment, moved by Pherozshah M. Mehta, Esq., seconded by Rao Saheb Vasudeo J. Kirtikar—

"That the Corporation having considered all the circumstances connected with the levy of toll at Bandora causeway, do not see reason to take any action in the matter.

No. 3593.

"That Mr. N. M. Langrana be informed accordingly in reply to his letter, dated 18th July 1889."

On a division, the *amendment* was *carried* as the substantive proposition by 35 votes *against* none.

Considered the following :—

REPORT OF THE COMMITTEE OF THE CORPORATION APPOINTED ON 13th MAY 1889, ON THE QUESTION OF PUBLIC LIGHTING.

The Committee appointed by the Corporation, as per margin, beg to report that, in consultation with the Commissioner, they have carefully considered the different proposals placed before them for lighting Bombay with electricity, but are of opinion that for the present such system of illumination should only be proceeded with experimentally.

"That, as the present contract with the Gas Company comes to an end on 30th June 1890, and as recommended by the Commissioner and the Standing Committee, a Committee be appointed to consider and report as to the means of public lighting which should be adopted upon the termination of the contract with the Gas Company.

"That the Committee consist of the following gentlemen :—Mr. J. S. Alston, Mr. E. B. Carroll, Mr. G. Cotton, Mr. J. R. Duxbury, Mr. Damodar Thakarsy Mulji,* Colonel G. L. C. Merewether, Khan Bahadur Muncherjee C. Murzban, the Hon'ble Mr. R. M. Sayani."

The Committee, therefore, recommend that a fresh contract should be entered into with the Gas Company for the term of 3 years from 1st July 1890 for the maintenance and lighting of the minimum number of 3,250 street lamps, the Company binding themselves to take down and remove at the expense of the Corporation, at any time within that period, columns and lamps from any streets or roads when ordered by

* Mr. Damodar Thakersi Mulji is absent from Bombay.

the Commissioner, in order to allow of some other system of lighting being substituted for coal gas lighting, and in consideration of the three years' extension the Gas Co. to allow this privilege within the term of the present contract. That the gas to be supplied under the new contract shall yield a light equal to 14* sperm candles when tested by the usual standard, and be wholly free from sulphureted hydrogen, and, as far as practicable, from ammonia. That the price be Rs. 5 per 1,000 cubic feet, in those cases where gas is taken by the Corporation through meter, the Company being at liberty to regulate the price of the gas supplied to their private consumers.

Section 21 of the draft contract provides that, when the number of public lamps fixed and lighted shall reach 3,600, the Company shall in respect of the whole number make an abatement at the rate of 5 per cent. per annum on the total outlay on gas. At the present time the number of lamps either actually in use or ordered to be put up is 3,555, so that by paying for 45 more (3,600 in all) the Municipality will be entitled to the 5 per cent. discount on the whole consumption of gas. Mr. Ollivant points out that, whilst the cost of 45 additional lights at Rs. 80 per annum each, will amount to Rs. 3,600 a year only, the rebate on the whole cost of 3,600 lamps will be no less than Rs. 14,400 per annum, and the Committee concur with him in recommending that the full number of 3,600 be contracted for at once.

E. B. CARROLL.
G. COTTON.
G. MEREWETHER.
M. C. MURZBAN.
J. R. DUXBURY
R. M. SAYANI.
J. S. ALSTON.

The Commissioner pointed out that the cost of any excess power above 14 candles power will be subject to arrangement between the Municipality and the Gas Company, and that the Company have consented to allow a rebate of 2½ per cent. on 3,600 lamps and 5 per cent. on 3,800 lamps.

Proposed by Colonel G. L. C. Merewether, seconded by the Hon'ble Mr. Rahimtula M. Sayani and *Carried*.—

"That the report of the Committee of the Corporation appointed to report on the question of public lighting be accepted, and that sanction be given to the entering into a fresh contract with the Bombay Gas Light Co., for a further period of three years upon the terms generally described in the report and as shewn in the comparative table of the old and the new contracts as given below, with the latter amended in accordance with the statement now made by the Commissioner."

No. 3594.

* The existing contract only provides for 12 candles power.

Old Contract.	Proposed New Contract.	Remarks on Difference.
5. The Company shall under this agreement supply to the Municipality, and the Municipality shall receive from the Company, and pay for, gas for not less than three thousand one hundred and seventy lamps, including the said six hundred and seventy-eight new lamps, for a period of fourteen years, such period to commence from the day on which the whole of the said six hundred and seventy-eight new lamps shall be lighted for the first time.	1. That for a period of three years from 1st July 1890, the said Company shall have the exclusive right of supplying and lighting with gas all such public lamps as during that period may be lighted with gas throughout any part of Bombay. 2. That for the said period of three years the number of public street lamps, including those already erected and set up, and now in use, to be supplied with gas by the said Company, shall be not less than 3,250.	The existing contract was for 14 years, and the proposed extension has been limited to 3 years, in view of the probability of early developments in new systems of lighting. The exclusive right to be given to the Gas Company is not expressed in the present contract, though it is of course understood. It may be considered advisable to limit the exclusive right by the insertion of the word "coal" before "gas." The minimum number in the present contract is 3,170, but there are now 3,555 lamps either actually in use or ordered to be put up. This is an advantage not provided for in the present contract.
1. The Company shall, before the first day of July, one thousand eight hundred and	3. That the said Company shall also, at any time or times after the execution of this contract and during the aforesaid term of three years, take down and remove, at the expense of the Corporation, columns and lamps from any streets or roads when ordered by the Municipal Commissioner, in order to allow some other system of lighting to be substituted. 4. That the said Company, whenever called upon by the Municipal Commis-	In the present contract the number of extra lamps was defined as 678, and was

Old Contract.	Proposed New Contract.	Remarks on Difference.
seventy-six, lay a sufficient length of mains to supply with gas six hundred and seventy-eight new public lamps, such mains to be laid in such streets and places as may be directed by the said Municipal Commissioner. 2. The entire expense of providing and laying such mains shall be borne by the Company, and such mains, when laid, shall be and remain their property absolutely. 3. The Company shall before the first day of July, one thousand eight hundred and seventy-six, erect, at the expense of the Municipal Commissioner, on the new mains, or on the existing and new mains, six hundred and seventy-eight additional lamps, such lamps to be placed at an average distance of one hundred and thirty feet apart from one another, or at such other distance or distances as may be arranged and hereafter agreed to between the said Municipal Commissioner and the Company. 4. If the said Company shall fail to lay new mains and erect six hundred and seventy-eight additional lamps before the first day of July, one thousand eight hundred and seventy six, as provided in clauses 1 and 3 of this agreement, the said agreement shall, on	sioner so to do after the signing of this contract and during the continuance thereof, shall, at their own expense, lay down proper and sufficient main and service pipes (which shall remain the property of the said Company) in any streets or roads, such streets or roads not being at their nearest point more than 150 feet distant from a gas main already laid, in order to supply gas to any number of lamps beyond the minimum number of 3,250, and shall at the like expense keep the same mains in good order and repair at all times during the continuance of these presents.	included in the minimum of 3,170. The 678 lamps were to be lighted from new mains to be laid by the Company at their expense, and were to be lighted for the whole term of 14 years.

Old Contract.	Proposed New Contract.	Remarks on Difference.
the said first day of *July*, one thousand eight hundred and seventy-six, become null and void and shall thenceforth cease to be of any effect. 19. That the payments to be made under this agreement shall not commence until the Company shall have increased the number of lamps erected at the date of this agreement by six hundred and seventy-eight. 20. That until the complete erection of the said six hundred and seventy-eight new lamps, the said agreement of the tenth day of *January* in the Christian year one thousand eight hundred and seventy-one shall remain in full force and all payments for gas shall be made on the footing of the said agreement.	5. The Corporation shall, however, repay the Company a portion of the cost of such mains, unless they be used for the purpose of street lighting for a period of ten years, when all liability of the Corporation in respect of the cost shall absolutely cease. If the mains be used for street lighting for less than ten years, the proportion of cost to be paid by	

Old Contract.	Proposed New Contract.	Remarks on Difference.
	the Corporation on the discontinuance of street lighting therefrom shall be calculated as follows :— If the period be 9 years—One-tenth. " " 8 " Two-tenths. " " 7 " 3 " " " 6 " 4 " " " 5 " 5 " " " 4 " 6 " " " 3 " 7 " " " 2 " 8 " " " 1 " 9 " Provided, however, that in the case of a main laid in a road, bordered with houses or buildings on either side, the proportion of cost to be paid by the Corporation shall be one-half the above, the Gas Company bearing the half cost in such case, irrespective of the period for which the main may be used for street lighting.	
6. The Company shall at their own expense, keep the said lamps and mains and the lamp-posts and brackets in repair during the whole term of this contract, such repair to	6. That the said Company shall, at the expense of the Corporation, fix in a proper and workmanlike manner all posts, pillars, brackets, lamps and fittings whatsoever	This is provided for in the present contract with a difference referred to in remarks on Schedule No. 1.

Old Contract.	Proposed New Contract.	Remarks on Difference.
include painting the said lamp-posts and brackets once in every year to the satisfaction of the said Municipal Commissioner. 8. The Municipal Commissioner shall pay to the said Company for the supply of gas lighting and extinguishing the said three thousand one hundred and seventy lamps, and painting and repairing the same, together with the fittings appertaining thereto at and after the rate of rupees eighty per annum for each lamp, each lamp to burn on an average for three thousand two hundred and forty hours, in the year, the said annual sum of rupees eighty shall be payable by twelve monthly payments, and each of such payments shall be made on or before the last day of the month following that in respect of which it accrues due. 9. The Municipal Commissioner shall give notice in writing to the General Manager and Engineer of the Company on or before the twentieth day of each month during the continuance of this agreement stating at what hours the said lamps shall be lighted and extinguished during the ensuing month.	required of a pattern approved by the Municipal Commissioner, from the mains to the lamps upwards, and keep same in repair during these presents. The expense of supplying and fixing such columns, brackets and lamps as aforesaid shall be on the scale set out in Schedule No. 1 hereto annexed, and such modifications thereof as may from time to time be agreed on. 7. That the said Company shall, at their own expense, light and extinguish all such public lamps as aforesaid, both existing and additional, and shall at the like expense keep the same in a clean and proper condition, and shall also keep the lamps, columns, brackets, pipes, burners and glasses in good repair and order and cleaned at all times during the continuance of this contract, but shall not be liable for accidental or wilful damage, or damage by war or tumult. These repairs to include painting the said lamp columns and brackets once in each year to the satisfaction of the Municipal Commissioner, and painting any new lamp column or bracket twice when first put up.	This is similar to the present contract.

Old Contract.	Proposed New Contract.	Remarks on Difference.
	8. That the said Company shall light and extinguish such lamps as aforesaid at such hours as the said Commissioner shall monthly direct by notice in writing given to the Manager. Provided nevertheless that (subject to clause 9) the time of burning of the said lamps shall not exceed 3,869 hours for whole-month lamps and 3,073½ hours for part-month lamps.	The number of hours in the present contract is 3,240 as an average. The ratio of part-month lamps to whole-month lamps is calculated by the Gas Company to be 2 to 1, and that is approximately the actual ratio. At this ratio the average number of hours under the proposed contract will be 3,338⅔. The Police have made frequent complaints of the insufficiency of the present hours of lighting.
10. Should any of the said lamps be burnt at the express request of the Municipal Commissioner for an aggregate number of hours in any one year, exceeding three thousand two hundred and forty hours, then, and in such case, the said Municipal Commissioner shall pay to the said Company for such excess at the rate of 5 pies per hour for each lamp so burnt.	9. Should any of the said lamps be burnt at the express request of the Municipal Commissioner for a longer number of hours than agreed upon, then in such case the said Municipal Commissioner shall pay to the said Company for such excess at the rate of 5 pies per hour for each lamp so burnt.	This is the same as in the present contract clause 10.
7. Each lamp shall be fitted with a burner capable of consuming gas at the rate of 5 cubic feet per hour at a pressure of 8-10ths of an inch.	10. That the said Company shall at all times provide and fix to each existing and additional lamp as aforesaid, a governor and burner in good condition, consuming 5 cubic feet of gas per hour at a pressure equal to that of a column of water 8-10ths of an inch high.	This is the same as clause 7 of the present contract except that no governor was stipulated for.

Old Contract.	Proposed New Contract.	Remarks on Difference.
12. The gas shall be of such quality as will yield a light equal to 12 sperm candles when tested by the usual standard 15-hole Argand burner, and shall be wholly free from sulphuretted hydrogen and as free as practicable from ammonia.	11. The gas shall be of such quality as will yield a light equal to 14 sperm candles when tested by the usual standard 15-hole London Argand burner, and shall be wholly free from sulphuretted hydrogen and as free as practicable from ammonia.	The present contract stipulates for gas of only 12-candle power.
	12. That the said Company shall increase the minimum lighting power of the said gas from 14 candles to any strength not exceeding 15 candles within six calendar months after a notice in writing from the Municipal Commissioner, calling upon them to do so, and the Corporation shall in such case pay to the said Company such increased rates as may be agreed upon.	
13. The said Municipal Commissioner shall be at liberty from time to time and at all times hereafter to take such steps as he may think proper or expedient for the purpose of testing the quality of the gas supplied to the said lamps and of ascertaining the quantity consumed by each burner, and the Company shall give the said Municipal Commissioner every facility and all assistance in examin-	13. The said Municipal Commissioner shall be at liberty, from time to time and at all times hereafter, to take such steps as he may think proper or expedient for the purpose of testing the quality of the gas supplied to the said lamps, and of ascertaining the quantity consumed by each burner, and the Company shall give the said Municipal Commissioner every facility and all assistance in their power for the said testings,	This is similar to the present contract, except that the Company now undertake to allow the tests to be carried on at their works. This has been obtained in order to leave the Corporation free to remove the Municipal Photometer House which is an obstruction to the widening of Arthur Road.

Old Contract.	Proposed New Contract.	Remarks on Difference.
ations and investigations. Provided always that such testings, examinations and investigations be carried on during proper hours, that is to say, between the hours of six in the morning and six in the evening.	examinations and investigations at their works. Provided always that such testings examinations and investigations be carried on during proper hours, that is to say, between the hours of 6 A.M. and 6 P.M. Provided likewise that nothing herein contained shall authorize or empower the said Corporation to peremptorily enter upon the premises of the said Company or to interfere in any way with the manufacture of gas or with the pipes and machinery, or to inspect or examine any books, papers or accounts of or belonging to the said Company.	
14. The power of the Municipal Commissioner contained in the last preceding paragraph shall not be deemed to authorize and empower the said Municipal Commissioner to enter upon any of the premises of the Company without the consent of the Company or to interfere in any way with the manufacture of gas by the Company or with the pipes or machinery of the Company.		
15. In case the Company should be temporarily prevented by war, lightning, tumult, insurrection, tempest, convulsion of nature, fire, flood or any accidental and unforeseen circumstance entirely beyond their control from supplying gas or carrying out the provisions contained in these presents in any respect, the Company shall not be deemed to have broken their contract, but the said Municipal Commissioner shall be at liberty to deduct from the annual sum payable on each	14. In case the Company should be temporarily prevented by war, tumult, tempest, fire, flood or any accidental or unforseen circumstance entirely beyond their control, from supplying gas or carrying out the provisions contained in these presents in any respect, the Company shall not be deemed to have broken their contract, but the said Municipal Commissioner shall be at liberty to deduct from the annual sum payable on each lamp, a ratable sum for each lamp	Clause 15 of the present contract is similar to this.

Old Contract.	Proposed New Contract.	Remarks on Difference.
lamp provided by clause 8 of this agreement a ratable sum for each lamp which shall not have been lighted its full time.	which shall not have been lighted its full time.	
16. The Municipal Commissioner shall pay to the Company interest at the rate of one per centum per mensem for any amount due by him to the Company and one month in arrear until payment.	15. The Municipal Commissioner shall pay to the Gas Company interest at the rate of 6 per cent. per annum for any amount due by him to the Company or any bill not paid within thirty days after receipt of the same by the Commissioner.	Clause16 of the present contract stipulates for 12 per cent. per annum for any amount one month or more in arrear of payment.
21. That the said Municipal Commissioner shall be at liberty at any time during the continuance of this agreement to increase the number of lamps, he paying the Company at the rate of rupees eighty per lamp per annum, provided always that the supply pipes to such extra lights can be conveniently taken from the existing mains.	16. That the said Municipal Commissioner shall be at liberty at any time during the continuance of this agreement to increase the number of lamps subject to the conditions of herein provided in respect of the erection of new lemps, and any new lamps when erected shall be on the same footing as old or existing lamps for all the purposes of this contract in every respect.	This is similar to clause 21 of the present contract.
22. That the cost of erecting and fitting such extra lamps shall be borne by the Municipal Commissioner, and they shall be kept in repair and painted once in every year by the Company at their own expense.	17. The cost of erecting and fitting such extra lamps shall be borne by the Corporation, but they shall be kept in repair and painted once every year by the Company at their own expense.	This is similar to clause 22 of the present contract.

Old Contract.	Proposed New Contract.	Remarks on Difference.
23. That during the continuance of this agreement the Company shall be at liberty to regulate the price of gas to their private consumers.	18. That during the continuance of this agreement the Company shall be at liberty to regulate the price of gas to their private consumers.	This is similar to clause 23 of the present contract.
24. That the price to be charged for gas supplied to the Municipal buildings by meter, be paid for at the rate of rupees five per one thousand cubic feet.	19. That the price to be charged for gas supplied to the Municipality by meter be paid for at the rate of rupees five per thousand cubic feet.	This is similar to clause 24 of the present contract.
	20. The Municipal Commissioner shall pay to the said Company for the supply of gas lighting and extinguishing the said lamps, keeping the same in repair and painting same at and after the rate of Rs. 93 per annum for each whole-month lamp, each lamp to burn in the aggregate not less than 3,869 hours in the year, and Rs. 73-8-0 per annum for each part-month lamp to burn in the aggregate not less than 3,073½ hours in the year. The said annual sums to be paid in twelve equal monthly instalments.	Clause 8 of the present contract (placed herein against clauses 6 and 7 of the proposed new contract) stipulates for payment of Rs. 80 per annum for each lamp, whether whole-month or part-month. Taking the ratio mentioned in remarks against clause 8 of the proposed contract, the average rate in the proposed contract will also be Rs. 80 per annum. It will probably be considered preferable to have a rate for whole-month lamps separate from that of part-month lamps as the Municipality will be free to alter the ratio if desired.
	21. That as soon as the number of public lamps fixed and lighted shall reach 3,600, the Gas Company shall in respect of all public	There is no such stipulation as this in the present contract, but it may prove a valuable concession.

Old Contract.	Proposed New Contract.	Remarks on Difference.
	lamps make an abatement at the rate of 2½ per cent. per annum on the prices herein agreed to be paid for lighting and maintaining the same, and when the number shall reach 3,300, the abatement shall be 5 per cent.	This is a new stipulation altogether, but it will probably be considered that there is nothing unreasonable in it.
	22. That the Municipal taxes to be paid by the Gas Company to the Corporation shall be fixed for the whole term of this contract, on the basis of valuation arrived at by survey in 1888 and mutually agreed to by the Municipal Commissioner and the said Gas Company.	
Clauses 25 to 32.	23 24 25 26 27 28 29 30 Clauses 25 to 32 (both inclusive) in the contract of 1875 to be repeated subject to revision by the Municipal Solicitors.	
	Note.—The costs of the Municipal Solicitors in the preparation and execution of the contract to be borne equally by the Gas Company and the Corporation.	

Old Contract.	Proposed New Contract.	Remarks on Difference.
	SCHEDULE No. 1.	
11. All the said new lamp posts, brackets and lamps for the new mains, and any further extensions that may be hereafter made, together with the fittings and service pipes, are to be erected by the Company at the expense of the Municipality. Such lamp-posts, lamps and fittings complete, and such bracket-lamps and fittings complete, to be paid for at the rate of rupees forty-five for each lamp and lamp-post complete, and rupees twenty-five for each bracket-lamp complete. Provided that if the said Municipal Commissioner should provide the lamp-posts and brackets, the price then to be paid to the said Company for each lantern and fittings complete, shall be rupees twenty-five for each such lamp and fittings. *All* such lamps, lamp-posts, brackets, fitting and service pipes, when so erected and paid for as aforesaid, shall be the property of the Municipality absolutely.	(*a*). Lamp columns of approved pattern, lamps, cradles, governors, cocks and fittings, complete, including not exceeding 30 feet of service pipe, to be provided by the Gas Company and paid for by the Corporation at the rate of rupees fifty, for each new lamp and new lamp-post complete, and rupees twenty-five for each new bracket and new lamp complete. All such lamp-posts, brackets, fittings, &c., when so erected, to be the property of the Municipality absolutely.	This is similar to clause 11 of the present contract, except that Rs. 50 is an increase from Rs. 45, which the Gas Company justifies by the fall in exchange.
	(*b*). Any lamp column or bracket with the lamp to be removed by the Gas Company when required by the Commissioner and re-erected by the Gas Company, complete with all appurtenances in a position selected by the Commissioner at the rate of rupees five per lamp, including service pipe not exceeding 30 feet in length.	This is a new arrangement and approximates to the average present cost of removal.
	(*c*.) Any service pipe required by the Commissioner (beyond the length otherwise	This is a new stipulation which will probably be found useful.

Old Contract.	Proposed New Contract.	Remarks on Difference.

stipulated for) to be provided by the Gas Company and paid for by the Corporation at the rate of annas four per running foot complete in all respects, including excavation, laying, jointing, repairs to road surface, and such like.

SCHEDULE No. 2.

Hours for lighting and extinguishing lamps (subject to alteration by order of the Commissioner as provided by the contract.)

Whole-Month Lamps.

Month.	Light.	Extinguish.	Time lighted per night.
	H. M.	H. M.	H. M.
January	6 55 P. M.	5 35 A. M.	11 40
February	6 10 „	5 35 „	11 25
March	6 25 „	5 20 „	10 55
April	6 30 „	4 55 „	10 25
May	6 40 „	4 35 „	9 55
June	6 50 „	4 25 „	9 35
July	6 55 „	4 30 „	9 35
August	6 50 „	4 40 „	9 50
September	6 30 „	4 45 „	10 15
October	6 5 „	4 50 „	10 45
November	5 45 „	5 00 „	11 15
December	5 40 „	5 15 „	11 35

The hours of lighting average 15 minutes after sunset, and those of extinguishing average 1 hour before sunrise.

Old Contract.	Proposed New Contract.	Remarks on Difference.
	Part-month Lamps.	Under the present contract part-month lamps are not lighted during the eight nights next before full moon and are extinguished at 10 P.M. on the night of full moon and three nights after.
17. If six of the principal London Gas Companies at any time during the term of this contract adopt a gas or other means for street lighting essentially different from the gas now generally used for that purpose, then, and in such case the Company shall, within two years after they shall have been required to do so by the Municipal Commissioner, introduce the same mode of		This stipulation of the present contract is vague, and it would probably be found very difficult to bring it into operation. There would seem to be no necessity for any such stipulation in the proposed contract as it is to run for only so short a time as 3 years.

		Light Hrs.	Light Mts.	Extinguish Hrs.	Extinguish Mts.
In all months, except June, July, August and September:	Five nights next before full moon	*Nil*		*Nil*	
	Night of full moon	*Nil*		*Nil*	
	Night next after full moon	Same as whole-month lamps.		9	0 P.M.
	Night following			10	0 "
	" "			10	0 "
	" "			11	0 "
	All other nights of the month	Do.		Same as whole-month lamps.	
In June, July, August and September.		Do.		Do.	

Old Contract.	Proposed New Contract.	Remarks on Difference.
lighting for the City of Bombay, and apply the same so far as may be possible to the said three thousand one hundred and seventy lamps mentioned in clause eight of this agreement. Provided always that such new method of lighting the streets shall be proved to be practicable in this country. 18. The terms upon which such new method of lighting is to be applied by the Company to the streets of Bombay shall, in the event of dispute between the Company and the Municipal Commissioner, be determined by arbitration as hereinafter provided. Such terms shall, when finally settled, be embodied in a new agreement to be entered into by and between the parties to these presents, and upon the execution and completion of such new agreement these presents shall cease and determine, provided always that the Company shall not in the event last aforesaid be entitled to claim compensation for any unexpired portion of the said term of fourteen years hereby created.		JAMES W. SMITH, M. Inst. C.E., Acting Executive Engineer, Municipality.

BOMBAY, 19*th September* 1889.

AT the Special Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

J. S. ALSTON, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAVADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DARASHAH RATONJI CHICHGAR, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHOY VISRAM, Esq; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; REGINALD GILBERT, Esq.; A. M. GUBBAY, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH MERWANJEE MEHTA, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The signing of the minutes of the monthly meeting held on the 10th instant, was postponed.

A letter was received from Mr. Narotumdas Govardhandas, apologizing for non-attendance on account of sickness.

Proposed by the President, seconded by Phirozeshah M. Mehta, Esq.—

" That an address be presented by the Corporation to His Hoyal Highness Prince Albert Victor on the occasion of his arrival in Bombay in November next.

No. 3788.

" That the following Committee be appointed to prepare the address, to arrange for its presentation and further to report whether it is desirable to ask the Prince to take part in any public function on his return to this city :—

Mr. Javerilal Umiashankar Yajnik, Colonel G. L. C. Merewether, Mr. P. M. Mehta, the Hon'ble Mr. R. M. Sayani, Mr. A. M. Gubbay, the President.*

" That the Corporation will be prepared to sanction such grant as the Standing Committee may recommend, to defray the cost of illuminating the address and of a casket or case to contain the same."

Carried unanimously.

* The name of the President was added on the proposal of Cowasjee Hormusjee, Esq.

Proposed by Cowasjee Hormusjee, Esq., seconded by Eknath R. Khote, Esq.—

"That letter, dated 25th August 1889, from Surgeon-Major James Arnott, resigning his seat as a Councillor, be *recorded*."

No. 3789.

Carried.

Proposed by Cowasjee Hormusjee, Esq., seconded by A. G. Viegas, Esq.—

"That the following be *recorded* :—Memorandum No. 9784, dated 10th September 1889, from the Commissioner, forwarding letter No. 551, dated 6th idem, from the Acting University Registrar, stating that, on the 5th ditto, Mr. Manekshah Jehangirshah Taleyarkhan was elected a Councillor by the Fellows of the Bombay University, in place of Mr. Jivanji Jamshedji Modi, resigned."

No. 3790.

Carried.

Considered the following :—

REPORT OF THE COMMITTEE OF THE CORPORATION APPOINTED TO REPORT ON THE INDIAN RAILWAYS BILL.

1. The Committee appointed by the Corporation on 26th ultimo, as per margin, have the honor to report as follows :—Section 131 of this Bill is the one which is of the greatest importance to the Municipality, but the provisions of sections 7, 8, 9 and 14 have also been carefully considered by the Committee, inasmuch as they are calculated to affect the interests of the Corporation in several instances.

"That letter No. 7734, dated 31st ultimo, from the Commissioner, pointing out the desirability of considering sections relating to overbridges and assessment on Railway property in the Indian Railways Bill now before the Government of India be referred to the following Committee for report before the 30th November. Three to form a quorum.

"Colonel G. L. C. Merewether, R.E., Mr. E. B. Carroll, M.I.C.E., Major H. O. Selby, R.E., Mr. Thomas Blaney, Mr. J. R. Duxbury, Khan Bahadur Muncherji C. Murzban, ASSOC. M.I.C.E., the Hon'ble Mr. Pherozeshah M. Mehta."

No. 3326.

2. In the "Statement of Objects and Reasons" we are told that section 7 "follows generally the terms of an English enactment, but supersedes any local enactments which prohibit the construction of railways over gas pipes and the like without the previous permission of Municipal Commissioners. The expense of diverting the course of a railway for the purpose of avoiding a gas pipe would usually be out of all proportion to any damage which might possibly be caused by the railway passing over the pipe." Upon a reference to the language of the section itself, however, it will be found that it by no means relates

to the construction of railway works over gas pipes, for a railway administration is empowered, notwithstanding "anything in any other enactment for the time being in force" to "make or construct in, upon, across, under or over any lands or any streets, hills, valleys, roads, railways or tramways . . . or any drains, water pipes, gas pipes, or telegraph lines, such temporary or permanent inclined planes, arches, . . . aqueducts, bridges . . . conduits, drains . . ." as the administration thinks proper."

In the same way the administration is authorized to alter or divert temporarily or permanently the course of any . . . roads, streets, or raise or sink the level thereof: to make drains or conduits into, through or under any lands adjoining the railway for the purpose of conveying water from or to the railway.

3. It is obvious that the exercise by a railway administration of powers such as these, over the roads, water pipes, drains and other property vested in the Municipality would practically amount to the supersession for the time being of the authority of the Corporation, and in the exercise of such extraordinary powers the railway administration, even though unintentionally, might cause much injury in any one or more districts of the city, by interfering with or delaying the supply of water, or by meddling with the flow of sewage. It might be convenient to an administration to proceed in the manner contemplated by this Bill "in supersession of any local enactment," but the forcible handing over to an alien body of the peculiar powers and privileges of the Municipality would be a gross injustice to the Corporation, no less than to the whole body of the inhabitants of the city who would perhaps find it difficult to understand what advantages they would be likely to derive from the continuance in office of a Corporation whose legitimate functions were thus ruthlessly set aside and who were left powerless to guard the rights and privileges of the citizens.

4. It is true that under section 8 when gas or water-pipes or a drain, "not being a main-drain," are interfered with by a railway administration, that body is to give reasonable notice and to execute the work to the reasonable satisfaction of the person who, on behalf of the local authority, superintends the carrying out of the same; but in very many instances it is more than possible that the views of the local authority and the administration would differ, and that in the end the interests of the public would be wholly sacrificed to the mere convenience of the railway authorities.

The term "main drain" is not defined either in the Railway Bill or in the Bombay Municipal Act, and it is to be feared that the section as drafted might be construed as sanctioning interference with many sewers and drains which would be materially impaired by any alteration of their course.

5. The powers reserved to a railway administration under section 9, to enter upon land for the purpose of repairing any slip or other accident, or preventing an accident, and all similar powers of supervision and control, should, in the opinion of the Committee, be delegated, so far as the city of Bombay is concerned, to H. E. the Governor in Council instead of being vested in H. E. the Governor-General in Council, as in most cases arising in this city it would be necessary that the controlling authority should be possessed of local knowledge. Section 140 of the Bill empowers the Governor-General, by notification in the *Gazette of India*, to invest any local Government with any of his powers or functions under the Bill with respect to any railway, and he may declare what local Government shall be deemed to be local Government in respect of a railway. The Committee are of opinion that this section should be amended to the extent of the Bombay and other local Governments being specially named and empowered in the Bill itself.

6. The provisions of section 14 regarding the construction of overbridges and underbridges are extremely unsatisfactory and objectionable. Thus, wherever a railway administration has constructed a railway across a public road on the level, the Governor-General in Council may at any time, if it appears to him necessary for the public safety, require the administration within such reasonable time as he thinks fit, to carry the road either under or over the railway by means of a bridge or arch with convenient ascents and descents and other convenient approaches, instead of crossing the road on the level or to execute such other works as the circumstances of the case may appear to be best adapted for removing or diminishing the danger arising from the level crossing ; but the Bill also provides as a condition of making such a requisition, that the Governor-General in Council may require that the local authority, if any, which maintains the road, shall pay the whole or such portion of the cost of complying with the requisition as His Excellency may think just. The operation of such a provision as this would be particularly resented in this city, for it is notorious to every person conversant with the history of Bombay for the past thirty-four years, that from the commencement of its existence here, the Great Indian Peninsula Railway Company has resisted to the utmost the carrying out of its obligation to construct overbridges on that portion of its system which traverses the thickly populated portions of the city ; and that as the only means of providing the overbridges which exist, Government, the Municipality and the Elphinstone Land Company (the predecessors of the Port Trust) were compelled to contribute towards the cost, which in equity should have been borne by the Railway Company. Para. 2 of section 14, under which the burden of making over, or under, bridges in respect of pre-existing roads may be cast upon the Municipality, should be struck out of the Bill.

7. Important as the points alluded to above are, the Committee cannot but feel that the principles involved in section 131, regulat-

ing the "Taxation of Railways by Local Authorities" are still more so, for under this section power is reserved to the Government of India to over-ride and set aside any legislative enactment of a local Government, and in the most arbitrary manner, to confiscate the assets of a Municipality for the benefit of a railway administration; so that if this section became law, it would be within the power of the Government of India to relieve the two local railway Companies of all liability to contribute towards the Municipal rates—that is to say, to favour the two wealthiest Companies who do business in Bombay, at the expense of all the rest of the rate-payers who, so far from being wealthy, are to a great extent very poor persons. In the "Statement of Objects and Reasons" there is the following paragraph in relation to section 131 :—"In "the opinion of the Government of India, the exemption which "Guaranteed and State Railways enjoy in some provinces from "assessment to local rates on land, should be extended to all railways "throughout India. As regards Municipal taxes, it is considered "that such as have been levied hitherto in any Municipality "or cantonment may generally continue to be levied there, though "possibly in a commuted form." It will be observed that, whilst there is a kind of admission here, that Municipal taxes hitherto levied may be continued generally; yet that this is qualified by the hint, that the continuance will probably be in a commuted form. The question at issue here, deserves the more particular attention of the Corporation, inasmuch as the wording of the section itself is less encouraging than that of the "Statement of Objects and Reasons":—

"131. Notwithstanding anything to the contrary in any enactment or in any agreement or award based on any enactment, the following rules shall regulate the levy of taxes in respect of railways and from railway administrations in aid of the funds of local authorities, namely :—

"(1.) A railway administration shall not be liable to pay any tax in aid of the funds of any local authority unless the Governor-General in Council has, by an order in writing, declared the railway administration to be liable to pay the tax.

"(2.) While an order made by the Governor-General in Council under clause (1) of this section is in force, the railway administration shall be liable to pay to the local authority either the tax mentioned in the order or, in lieu thereof, such sum, if any, as an officer appointed in this behalf by the Governor-General in Council may, having regard to all the circumstances of the case from time to time, determine to be fair and reasonable.

"(3.) The Governor-General in Council may at any time revoke or vary an order under clause (1) of this section.

"(4.) Nothing in this section is to be construed as debarring any railway administration from entering into a contract with any local authority for the supply of water or light, or for the scavenging of railway premises, or for any other service which the local

authority may be rendering or be prepared to render within any part of the local area under its control.

"(5.) 'Local authority' in this section means a local authority as defined in the General Clauses Act, 1887, and includes any authority legally entitled to or entrusted with the control or management of any fund for the maintenance of watchmen or for the conservancy of a river."

8. As a convincing proof of the very serious consequences to the Municipality involved by such a change in the law, the Committee point to the fact, that hitherto the taxes paid by the two Railway Companies have formed part of the regular income of the Municipality, and the settlement of the amount due has been arrived at without any serious controversy. The sum paid is liable to be affected as in the case of other properties both by periodical changes in the ratable value, and by the rate at which (within legal limits) the tax is fixed annually by the Corporation.

9. In conclusion the Committee beg respectfully to express their doubt whether the Government of India would be a more fitting tribunal than those provided in the Municipal Act for deciding the peculiar questions involved in the matter of the assessment of railways for municipal purposes—questions which in England have been decided by the highest Judicial authorities, and which should continue to be disposed of here, by the application of the principles thus arrived at—and the Committee urge this with the more force, from this special consideration, that in all probability in the course of a few years, the Government of India itself will be the owner of the two railways which in common with other administrations, it is proposed by this Bill to exempt from the payment of municipal rates.

10. The Committee beg to recommend that a strong representation be made to the Government of India in accordance with the terms of this report and that the same be forwarded as early as possible, seeing that the Bill was introduced into the Council of the Governor-General for making Laws and Regulations so long since as 25th October last.

BOMBAY, 11*th September* 1889.

G. MEREWETHER.
P. M. MEHTA.
MUNCHERJI C. MURZBAN.
THOMAS BLANEY.
E. B. CARROLL.

MEMORANDUM.—I have not a copy of the Indian Railways Bill, and am therefore unacquainted with its contents.

I take it for granted that the Bill is intended to apply to the whole of British India, and is not likely to affect the Bombay Municipality more than other Indian Municipalities—indeed I

think it is likely to have less effect upon it, inasmuch as there is not much probability of any new railways being laid down in the Island of Bombay and the Bill does not affect any already in existence. It is, of course, necessary, in framing a Railway Bill that shall apply to the whole of India, to take broad views, as it would be impossible to legislate for any particular Municipality or other public body, and unless the Bill has a wide meaning and is very decisive, it would be scarcely possible to construct Railways or public works, as private consideration, if allowed to interfere, might cause a work upon which crores of rupees have been spent to be brought to a standstill for an indefinite time, whilst the question of some watercourse, level-crossing or other minor consideration was under consideration and awaiting settlement. I fail to see why the Bombay Municipality should take special action upon such a question, considering, as I have already observed, the improbability of future Railway extensions within its influence. I have heard it suggested that in making future Railways some persons would have an overbridge wherever a public road existed before the Railway works were undertaken. Such a view of the matter appears to me unreasonable and obstructive to the extension of Railways, as on some lines it might mean the setting up of an overbridge upon an average of every two miles throughout its entire length, which would make Railway construction a financial impossibility, and it would create a difficulty for the persons using the overbridge where a level-crossing would be preferable.

I will not deal with this report para. by para., but would confine myself to repeating that I do not see that the Municipality have anything to fear from the proposed Bill, and I think it would be arrogating to itself undue importance by opposing it.

J. R. DUXBURY.

BOMBAY, 11*th September* 1889.

I do not sign as owing to causes beyond my own control I was not present at the meeting, nor is my signature necessary.

H. O. SELBY.

Proposed by Thomas Blaney Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 3791. "That the Report of the Committee of the Corporation appointed to consider and report on sections relating to the construction of overbridges, interference by Railway Administrations with municipal works, and the assessment of railways in the Indian Railways Bill, be approved and adopted.

"That the President be requested to memorialize the Government of India in terms of the Report."

Carried nem. con.

Proposed by Thomas Blaney, Esq., seconded by A. G. Viegas, Esq.—

"That letter No. 41, dated 6th instant, from the Secretary, Joint Schools' Committee, stating that Mr. Abdulla Meherali Dharamsi has retired by ballot from the Committee in accordance with the provisions of section 39 (3) of the Municipal Act, be *recorded*."

No. 3792.

Carried.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

"That A. M. Dharamsi Esq., be elected a member of the Joint Schools' Committee."

The motion was seconded by Pherozeshah M. Mehta, Esq., and *carried*.

Considered letter No. 43, dated 9th instant, to the Municipal Secretary, as follows :—

SIR,—I am directed by the Joint Schools' Committee to forward to you, for submitting to the Bombay Municipal Corporation, a copy of Government Resolution No. 1503, Educational Department, dated 12th ultimo, regarding the transfer of the Presidency Educational Fund to the Committee.—I have, *&c.*, N. B. MASANI, Secretary, Joint Schools' Committee.

No. 1503. EDUCATIONAL DEPARTMENT,

BOMBAY CASTLE, 12*th August* 1889.

Memorandum from the Financial Department, No. 1934, dated 15th May 1889—Transferring for consideration, in the first instance, a letter from the Accountant General, No. L.F.-3456, dated 6th May 1889, who enquires whether it is proposed to make over the balance of the Presidency Educational Fund to the Municipal Corporation, states that there is apparently nothing in the City of Bombay Municipal Act to render such a transfer obligatory, as the provision in Section 120 (2) Clause (*d*), refers to the School Fund and not to the Presidency Educational Fund, but that as the balance of the latter represents the unspent funds granted to, or belonging to, the schools to be transferred, the Corporation may have an equitable claim to have the amount placed at its disposal; suggests that if it is proposed to transfer the fund, the transfer should apparently be made with an express reservation of its liability to meet claims which may arise on account of pension to teachers, should the Pension Fund prove insufficient to meet such claims; adds that if it can be shown that the claims against the Presidency Educational Local Fund Pension Fund are confined to the officers now employed in the schools to be transferred, it is for consideration whether the balances of both funds should not be made over to the Municipality with all the liabilities against them.

Letter from the Acting Director of Public Instruction, No. 1589, dated the 19th June 1889—Stating, in reply to Government reference No. 972, dated 21st May 1889, that he entirely concurs in the opinion of the Educational Inspector, C. D., who states that it would be wise and politic to deal with the Corporation in a spirit of confidence and liberality, and observes that the duties laid upon that body by the new Act in the matter of primary education are onerous and such as must entail in the near future a very large expenditure. Observing, with reference to the questions raised by the Accountant General as to the balances of the funds in question, that the balance of the first, *viz.*, the Presidency Educational Fund, should be handed over to the Municipal Corporation on the transfer of the schools to that body, but that the Presidency Educational Local Fund Pension Fund should not, for reasons stated, be handed over with the schools to the Corporation.

RESOLUTION.—The Accountant General should be informed that it is the intention of Government to make over to the Municipality, on the transfer of the primary schools, the balance of the Presidency Educational Fund, on condition that the Municipality undertakes to meet any claims on account of pensions to teachers, which are debitable to the Presidency Educational Local Fund Pension Fund, but which that fund may prove insufficient to meet.

2. For the reasons stated by the Educational Inspector and the Director of Public Instruction, the Governor in Council considers that the Presidency Educational Local Fund Pension Fund should be maintained like the District Local Fund Pension Fund..

J. MONTEATH,
Acting Secretary to Government.

No. $\frac{\text{C.B.}}{3295}$ OF 1889-90.

POONA, OFFICE OF THE EDUCATIONAL INSPECTOR, C. D., *28th August* 1889.

Copy forwarded with compliments to the Chairman, Joint Schools' Committee, Bombay, for information and guidance.

T. B. KIRKHAM,
Educational Inspector, C. D.

Proposed by the President, seconded by Cowasjee Hormusjee, Esq.—

"That the consideration of Government Resolution No. 1503, Educational Department, dated 12th August 1889, on the question of the transfer of the Presidency Educational Fund to the Municipality, be postponed until the

full proposals of Government have been communicated, so that the subject may be considered as a whole."

Rider, moved by Pherozeshah M. Mehta, Esq.—

"That the Joint Schools' Committee be asked to favor the Corporation with their views on the subject."

The rider was accepted, and the resolution, as thus amended, was *carried* as follows :—

"That the Joint Schools' Committee be asked to favor the Corporation with the views of the Committee on the subject of Government Resolution No. 1503, Educational Department, dated 12th August 1889, on the question of the transfer of the Presidency Educational Fund to the Municipality, and that the consideration of the Resolution be postponed until the full proposals of Government have been communicated to the Corporation."

No. 3793.

Read letter to the President No. 3459, General Department, dated 23rd August 1889, as follows :—

No. 192 M. W. 1385, dated the 12th August 1889.

SIR,—I am directed by his excellency the Governor in Council to forward herewith a copy of a Resolution passed by Government in the Public Works Department of a Committee to report on the sanitary state of the Marine Lines, Bombay, and to suggest measures to remedy defects and improve the condition of the quarters in this respect, and to request that you will be so good as to move the Corporation to nominate a Municipal Engineer specially acquainted with the drainage works to serve as a member of the Committee of Experts.—I have, &c., J. NUGENT, Chief Secretary to Government.

No. 192 M. W.—1385 of 1889. PUBLIC WORKS DEPARTMENT, BOMBAY CASTLE, 12th August 1889.

Memorandum from the Military Department, No. 496 Q. M. G., dated 1st August 1889.

Transfers, for consideration and early orders, a letter from the Quarter Master General, No. 9-21—2136, dated 25th July 1889, forwarding, for the consideration of Government, correspondence connected with the drainage of the Marine Lines, Bombay, and stating that this matter has been the subject of constant complaint for two years past, and His Royal Highness the Commander-in-Chief strongly urges that remedial measures be at once taken.

Memorandum from the Military Department, No. 511 Q. M. G., dated 5th August 1889.

In continuation of that Department No. 469 Q. M. G., dated 1st August 1889, transfers, for consideration and orders, a memorandum from the Quarter Master General, No. 9-21—2313, dated 1st August 1889, submitting, in continuation of his No. 9-21—2136, dated 25th July 1889, a letter from the Surgeon General, Her Majesty's Forces, Bombay, who forwards a letter addressed by the Medical Officer in

charge of the Marine Battalion to the Deputy Surgeon General, Bombay District, together with previous correspondence on the insanitary condition of the Officers' Quarters in the Marine Lines; offers certain remarks, and states that the points for special consideration and report are—

(1.)—The condition of the Officers' Quarters and the cause of their unhealthiness.

(2.)—The construction of the new quarters with special reference to the water closets and the supply of water for sanitary purposes.

(3.)—The drainage of the Lines and the ventilation of the sewers.

Stating that, should Government consider it necessary that a mixed Committee be assembled to report on the sanitary state of the Marine Lines, His Royal Highness the Commander-in-Chief suggests that the whole of the correspondence forwarded may be laid before the Committee.

RESOLUTION.—Government are pleased to appoint the following Committee :—

The Chief Engineer, Northern Division,
The Sanitary Commissioner,
The Deputy Surgeon General, Bombay District,

to consider and report on the whole question of the sanitary condition of the Marine Lines, as set forth in this correspondence (copies of which should be laid before them), and to suggest the measures which should be taken to remedy defects and improve the condition of the quarters in this respect.

2. The General Department should be requested to invite the Corporation to nominate an Officer to serve as a member of the Committee as the questions involve matters affecting the Municipal drainage system.

3. The Committee should assemble and report with as little delay as possible.

H. D. OLIVIER, Captain, R.E.,
Under Secretary to Government.

Proposed by E. B. Carroll Esq., seconded by Harold R. King, Esq.—

No. 3794. "That, with reference to Government letter No. 3459, General Department, dated 23rd August 1889, Government be informed that the Corporation hereby authorizes Mr. James W. Smith, M.I.C.E., Acting Executive Engineer, to serve as a member of the Commitee appointed to report on the sanitary condition of quarters in the Marine Lines, and to suggest measures to remedy defects and improve the condition of the same."

Carried.

Read letter to the President No. 3556, General Department, dated 29th August 1889, as under :—

SIR,—With reference to your letter No. 149, dated 13th April 1889, forwarding a memorial from the Municipal Corporation to the address of Her Majesty's Principal Secretary of State for India on the subject of the period fixed by His Lordship for the repayment of the Tansa Water Works Loan, I am Directed by His Excellency the Governor in Council to forward herewith, for the information of the Corporation,

copy of a despatch (No. 151, dated 11th July 1889) from the Secretary of State to the Government of India, containing his Lordship's decision on the memorial.—I have, &c., J. DEC. ATKINS, Acting Under Secretary to Government.

Financial No. 151. INDIA OFFICE, LONDON, *11th July* 1889.

To His Excellency the Most Honourable the Governor General of India in Council.

MY LORD MARQUIS,—

Tansa Water Works Loan.

Your Excellency's letter, dated 1st of June, No. 161, transmitting a further representation by the Municipal Corporation of Bombay, regarding the repayment of the loan for the Tansa Water Works, has been under my consideration in Council.

2. The fresh ground upon which the Corporation base their claim for a prolongation of the term of repayment from 40 to 60 years is that, whereas an outlay of 102 lakhs of rupees would have provided a supply of water sufficient to meet the requirements of the immediate future, they have by a total outlay of 123 lakhs obtained a large additional supply.

3. A sinking fund sufficient to repay 102 lakhs in 40 years would repay 123 lakhs in less than 44 years. I concur therefore in the opinion of your Government that there is no reason for modifying the former decision and I request that this view may be communicated to the Municipal Corporation.—I have, &c., CROSS.

Proposed by E. B. Carroll, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the consideration of Government letter No. 3556, General Department, dated 29th August 1889, be postponed until the Committee of the Corporation, appointed on the 26th idem to report on the question of Loans and Loan Funds, have reported accordingly."

No. 3795.

The point of order was raised that, as the question before the Meeting was simply that the consideration of the matter be postponed, the speaker (Mr. Blaney) was out of order in discussing the subject matter of the letter.

The President ruled that the speaker was out of order.

The motion was then *carried.*

Considered the Health Officer's Report for the 1st Quarter of 1889.

Proposed by Cowasjee Hormusjee, Esq., seconded by A. G. Viegas, Esq.—

"That the Health Officer's Report for the 1st Quarter of 1889, be *recorded.*"

No. 3796.

Carried.

Proposed by Thomas Blaney, Esq., seconded by A. G. Viegas, Esq.—

"That, in reply to their letter, dated 10th June 1889, Messrs. Leo. G. DeSouza, Ardashir Framji Major and others be informed that, as there was no legal ground for objection, the building plans of the house complained of were approved, and that, as no improvement line has been laid down in Cavel Street, no set-back was demanded.

No. 3797.

"That, as recommended by the Standing Committee, the Commissioner be requested to submit for the sanction of the Corporation, under section 291 of the Municipal Act, the line of a public street running east and west through Cavel Street, avoiding frontages as far as possible."

Amendment, moved by Pherozesha M. Mehta, Esq., seconded by Manekji B. Dadabhai, Esq.—

"That, in reply to their letter, dated 10th June 1889, Messrs. Leo. G. DeSouza, Ardeshir Framji Major and others be informed that, as there was no legal ground for objection, the building plans of the house complained of were approved, and that, as no improvement line has been laid down in Cavel Street, no set-back was demanded.

"That the suggestion of the Standing Committee that it is desirable to run a street east and west through Cavel Street be *recorded*."*

On a division, the votes were as under :—

	For	*Against.*
Amendment	12	14 *lost.*
Original motion	16	0 *carried.*

At 5 o'clock the meeting was adjourned, and the President fixed Monday, the 30th instant, at 3 p.m., for the adjourned meeting.

BOMBAY, 19*th September* 1889.

THE business of the adjourned monthly meeting (originally called for the 10th instant, and adjourned from that day), fixed for this day at 3-30 p.m., was not proceeded with, as the business of the first meeting lasted until 5 p.m. The President fixed Monday, the 30th instant, at 3-30 p.m., for the adjourned meeting.

* *See* Proceedings of the Standing Committee, 4th September 1889.

BOMBAY, 30*th September* 1889.

AT the adjourned Special Meeting of the Corporation, originally called for the 19th instant, and adjourned from that day, held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; H. C. BURDER, Esq.; GEORGE COTTON, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGUNATH KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSHEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJI PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; MANEKSHAW J. TALIARKHAN, Esq., B.A., LL.B.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M.& S.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH MERWANJEE MEHTA, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L.M, & S.

The MUNICIPAL SECRETARY.

The minutes of the monthly and the special meetings held on the 10th and 19th instant, and the record of the adjourned meeting called for 19th idem, were signed.

Proposed by the President, seconded by H. C. Burder, Esq.—

"That letters, dated 28th and 29th August last, from Mr. Nasarvanji Maneksha, complaining that his services as an Inspector on the Tansa Water Works have been dispensed with, be *recorded*, as the Commissioner states that Mr. Nasarvanji Maneksha being on the temporary establishment, his services were dispensed with at the termination of the last working season."

Amendment, moved by Pherozeshah M. Mehta, Esq., seconded by K. M. Shroff, Esq.—

"That the Commissioner be requested to be good enough to report upon the letter of Mr. Nasarvanji Maneksha, and the circumstances under which the services of that officer were dispensed with."

No. 3946.

Mr. Pherozeshah M. Mehta raised the point that Mr. Burder was out of order in making personal reflections on members by stating that they had taken up the matter in question because they happened to be members of the same community as the aggrieved person, a statement which, so far as he (Mr. Mehta) was concerned, was entirely misleading.

Mr. Burder disclaimed having made such imputation, and said he had merely argued that, as a general principle, where a man contended that he had a grievance, he would try to induce those of his own community to support him.

The President ruled that on this statement of Mr. Burder, Mr. Burder was in order.

On a division the *amendment* was *carried* as the substantive proposition, by 22 votes *against* 1.

On the question of the consideration of letter from the Health Officer regarding proposal to employ horses in aiding bullocks to draw katchra carts over certain parts of the Flats, it was.—

Proposed by J. R. Duxbury, Esq., seconded by Vandravandas Purshotamdas, Esq., and *carried*—

"That the letter from the Health Officer, No. 9966 of 1889, be read."

Read the following letter, No. 9966, dated 24th July 1889, to the Commissioner, as follows :—

SIR,—I have the honour to acknowledge receipt of the report of the Committee appointed to enquire into the mortality amongst the Health Department bullocks, forwarded under the Commissioner's memorandum No. 4134 of 31st May 1889. The necessary provision will be made in the next year's Budget Estimates as directed. In regard to the suggestion in para. 5 of the Committee's report, I beg to state that in my opinion it is not practicable to employ horses in the manner stated. It is only in the monsoon season, the rains, that the drag over the deposits is heavy and telling on our bullocks, and this drag is made as short as circumstances will allow. There is a certain strain on the animals in the dry weather, but it is nothing compared to the wet season. I am not aware whether any members of the Committee or of the Corporation have seen our bullocks at work at the Flats, but if they have, I think they would have seen and understood the difficulty of using the assistance of horses in tracing or pulling the loaded carts over heavy, wet and yielding cutchra deposits. In the first place the horse being a heavier animal will himself sink in the soft ground much more than the bullock and his power will be lost, and I think he would run great danger of being lamed or having his legs cut by broken glass and crockery and the like. Again the only way in which the horse could be harnessed to the cart, would be by hooking on the trace bar to an eye in the end of the pole or at the yoke swivel, and the effect would be, when the horse began to pull, he would bring the weight of the cart down on the neck of the bullocks, and instead of aiding the animals would really retard them. Cutchra is usually worked off a tipping bank or a slope ; so a horse working as a tracer would be usually pulling downwards. The effect would not be the same as if the work was being done on a level road or going up an incline. The height of the end of the pole is above the line of the pulling power of the horse. This is my view of the case, and taking everything into account, I do not think horses would be of use to us. Besides so many carts arrive at the one time and we

work in so many different places, that carts would have to wait their turn, and the work would be delayed and cutchra would accumulate in the City. The cost of the horses with their feed, &c., would also be a heavy charge.

This year we have been using planks and bamboo stages on the soft katchra and we find this greatly eases the strain on the bullocks as the wheels do not sink in the deposit.—I have, &c., T. S. WEIR, Health Officer.

No. 9291 OF 1889-90.

BOMBAY, 31*st August* 1889.

Copy forwarded to the Municipal Secretary for the information of the Corporation with reference to their Resolution No. 930, dated 20th May.

The services of a Veterinary Assistant have been engaged as sanctioned in their Resolution No. 2771, dated 18th July.

E. C. K. OLLIVANT,
Commissioner.

Proposed by J. R. Duxbury, Esq., seconded by K. M. Shroff, Esq.—

"That the report of the Sub-Committee be adopted; that one country horse with suitable tracings and harness be purchased as a trial."

Amendment, proposed by Pherozeshah M. Mehta, Esq., seconded by A. G. Viegas, Esq.—

"That memorandum No. 9291, dated 31st August 1889, from the Commissioner, forwarding letter No. 3947. No. 9966, dated 24th July 1889, from the Health Officer, reporting on the proposal to employ horses for drawing katchra carts over certain parts of the Flats in lieu of bullocks, be *recorded*."

On a division the *amendment* was *carried* as the substantive proposition, by 26 votes *against* 4.

This concluded the business of this meeting.

BOMBAY, 30*th September* 1889.

AT the adjourned monthly Meeting of the Corporation (orginally called for the 10th instant, and adjourned from the 19th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; H. C. BURDER, Esq.; GEORGE COTTON, Esq.; DARASHA R. CHICHGAR, Esq.; DHINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJI PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; MANEKSHAW J. TALIARKHAN, Esq., B.A., LL.B.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq; PHEROZESHAH MERWANJEE MEHTA,

Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London).; RUSTOMJEE DHUNJEEBHOY SETHNA Esq., B.A., LL.B.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

The MUNICIPAL SECRETARY.

Proposed by Javerilal Umiashanker Yajnik, Esq., seconded by the Hon'ble Mr. Rahimtula M. Sayani—

"That the following be *recorded* : Notice by the Municipal Secretary (in accordance with the Resolution of the Corporation, No. 1796, dated 12th December 1887) : 'The Auditors to the Corporation were appointed on the 13th March 1889, and the next appointment will take place in March next.' "

No. 3948.

Carried.

In accordance with notice of motion, it was—

Proposed by A. G. Viegas, Esq.—

"That the attention of the Municipal Commissioner be drawn to his promise in regard to the Borebhat Lane drainage to the effect that the house branches would be proceeded with *immediately*, conveyed in his memorandum, dated 20th May 1889, and that he be asked to proceed with the work at least now, since it has not yet been done."

Meherjibhai R. Setna, Esq., seconded the motion.

The President said he was informed that the Commissioner had issued the necessary orders, and that the work of making the connections had actually commenced.

The mover of the motion expressed himself satisfied with this assurance, and the motion was *withdrawn*.

This concluded the business of the meeting.

BOMBAY, 10*th October* 1889.

AT the Special Meeting of the Corporation held this day, there were present :

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; H. C. BURDER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I C.E.; GEORGE, COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHA EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; REGINALD GILBERT, Esq., GOVARDHANDAS GOKULDAS TEJPAL, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; SIR JAMSETJEE JEEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; MANEKSHA J. TALEYARKHAN, Esq., B.A. LL.B.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR

MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHUNDAS, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., L.L.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); MAJOR H. O. SELBY, R. E.; SHIVAJEE DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASVUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner, and the MUNICIPAL SECRETARY.

The minutes of the adjourned Special and adjourned Monthly Meetings, held on the 30th ultimo, were signed.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the following be *recorded*:—Memorandum No. 10106, dated 13th September 1889, from the Commissioner, stating that, on the 10th idem, Mr. Darashah Ratanji Chichgar was elected a Councillor by H. M.'s Justices of the Peace, in place of Mr. Hormusji Dadabhoy, resigned."

No. 4230.

Carried.

Proposed by Cowasjee Hormusjee, Esq., seconded by Fazulbhoy Visram, Esq.—

"That, as recommended by the Standing Committee, in their resolution No. 3845, dated 25th September 1889, sanction be given to the payment of Rs. 2,000, from Surplus Cash Balance, to provide for the illumination of the address to be presented to H. R. H. Prince Albert Victor and for the casket to contain the same."

No. 4231.

Carried.

Considered letter No. 10400, dated 20th ultimo., from the Commissioner, to the Municipal Secretary as under :—

SIR,—I observe that in dealing with the Bombay Extension Committee's proposals, the Corporation have not alluded to the question of burial places. It is one of considerable importance, and one which can be settled only by the Corporation.

The Corporation are, no doubt, aware that ere long many of the principal existing cemeteries will have to be closed on sanitary grounds. In order to provide new accommodation in place of the old, the Corporation have to determine whether it would be advisable to adhere to that portion of the city where they have already acquired a tract of ground, *i.e.*, near the end of Haines Road, towards Warli, which has been partially filled to the required level, or to abandon this project in favour of the Extension Committee's recommendation to acquire fresh ground on the eastern side of the Island. I concur generally in the views of the

Committee as to the concentration of burial places so far as this may be compatible with the reasonable convenience of the people.

Undoubtedly objections may be urged against a site on the windward side of the Island, but on the other hand, the position suggested in the Committee's Report may be more likely to be soon surrounded by buildings, and considerations affecting the nature of the soil, the price and convenient accessibility must be weighed.

As this subject is one calling for very early settlement, and as the approval of new burial places is a matter within the discretion of the Corporation, I have the honour to suggest that the Corporation appoint a Committee to report on this question, and then decide the issue as soon as possible.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by K. M. Shroff, Esq.—

No. 4232. "That letter No. 10400, dated 20th ultimo, from the Commissioner, regarding the question of burial places, be referred to the following Committee for report :—

MR. THOMAS BLANEY, Chairman; MR. G. COTTON; MR. FAZULBHOY VISRAM; MR. A. M. DHARAMSI; THE HON'BLE MR. RAHIMTULA M. SAYANI; MR. RAHIMTULA KHAIRAZ; MR. J. S. ALSTON; COLONEL G. L. C. MEREWETHER; MR. E. B. CARROLL; MR. JAVERILAL U. YAJNIK;* and MR. AMIRUDIN TYABJI.†

"Three to form a quorum."

Carried.

Proposed by Cowasji Hormusjee, Esq., seconded by Rahimtula Khairaz, Esq.—

No. 4233. "That, as recommended by the Standing Committee in their Resolution No. 3854, dated 25th ultimo, sanction be given to the writing off of Rs. 669-15-1 from the live stock return of the Health Department, being the book value of 6 bullocks that died, 2 that were destroyed, and 1 horse that was sent to Pinjrapole—total 8 bullocks and 1 horse—during the quarter ended 31st May 1889."

Carried.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 4234. "That, as recommended by the Standing Committee, in their resolution No. 3857, dated 25th ultimo, sanction be given to the payment of

* This name was added on the proposal of the President.

† The name of Mr. Amirudin Tyabji was added at the suggestion of the Hon'ble Mr. R. M. Sayani.

Rs. 2,000, from Surplus Cash Balance, to meet the cost, up to the end of the current year, of the issue of summonses and processes in Municipal cases."

Carried.

Mr. Blaney asked that priority might be given to his notice of motion regarding the nuisances on the Flats, and when the President put the question to the vote, it was decided *nem. con* that priority should be given to the motion.

Proposed by Thomas Blaney, Esq.—

"That the Municipal Commissioner be requested to furnish the Corporation with an early report as to the best means of abating the great and increasing nuisance arising from the Reservoir on the Flats."

The motion was seconded by Bhalchundra Krishna Bhatawadekar, Esq.

Read, with the consent of the meeting, letter No. 11651, dated this day, from the Commissioner, to the Municipal Secretary, as under :—

SIR,—In my letter No. 3176, dated 15th May last, on the subject of the disposal of street sweepings, I alluded to the question of the sewage outfall. This matter is of such importance that, I think, no time should be lost in giving it the most careful attention.

2. With regard to the old town, we know at any rate generally what system we have to pursue, and the only thing is to push on the work on the lines laid down. But in respect of the northern portion of the island where buildings are so rapidly extending and where there are no sewers of any kind, no proposals have ever been formulated as to the means of sewerage to be adopted or the place of outfall.

3. The nuisance from the present outfall at Love Grove is admitted, and for that nuisance there are, as far as I am aware, only three possible remedies, *viz.*, (1) to extend the discharge pipe further out to sea (whether this would prove an efficient remedy is very doubtful); (2) to provide precipitating tanks at great expense; (3) to use the present pumping machinery for lifting the sewage into a new sewer going northward, instead of into the present outfall sewer, or, in other words, to abandon the present outfall, except for some occasional emergency.

4. At any rate the present outfall is not so satisfactory that we should, without the most careful inquiry, lead a fresh series of sewers to it, and I personally am inclined to think that we

shall find that our best plan will be to lead all the sewage, more especially that of the northern portion of the island, to the Chimbur swamps, reclaimed by sweepings.

5. The question of the sewerage of Colaba is still undisposed of, and though it urgently demands a settlement, there are special difficulties connected with it, and I am unable at present to submit with confidence any scheme for the approval of the Corporation.

6. These circumstances justify me in asking the Standing Committee to consider whether it will not be the best course (and in the long run the most economical) to obtain the services of some eminent Sanitary Engineer in England of special drainage experience and to consult him as to the situation. My idea is that he should be asked to visit Bombay at once and spend a month or two here, so as to become thoroughly conversant with the local conditions (in default of this knowledge, his English experience would certainly not suffice), that he should be paid for his special examination and advice such sum as may be agreed upon, and that thereafter he should be consulted (in England) from time to time as occasion may require, being paid a fee for each reference or by a permanent retaining fee during the progress of the works, as may be found best.

7. Independently of the leading points which I have mentioned, there are various details as to which we may derive benefit by obtaining authoritative advice based on the most recent European experience, and it should be remembered that in addition to the reasons which I have continually urged for pushing on the sewerage works, we are now face to face with an addition of 17 million gallons to our daily water-supply, and that it is hardly less necessary to provide adequate means for carrying this off than for bringing it in.—I have, &c., E. C. K. OLLIVANT, Commissioner.

After discussion, the resolution was amended as follows :—

No. 4235. "That the Commissioner be requested, with the following Committee, to furnish the Corporation with an early report as to the best means of abating the great nuisance arising from the discharge of sewage in the Surface Drainage Reservoir on the Flats, and that the Committee be empowered to report on the letter of the Commissioner as now read" :—

COLONEL G. L. C. MEREWETHER, *Chairman*; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN; MAJOR H. O. SELBY; MR. E. B. CARROLL; THE HON'BLE MR. R. M. SAYANI; MR. J. S. ALSTON; MR. BHALCHANDRA K. BHATAWADEKAR; MR. THOMAS BLANEY;* and SURGEON-MAJOR G. A. MACONACHIE.*

"Three to form a quorum."

Carried unanimously.

* These names were added on the proposal of Cowasjee Hormusjee, Esq.

Priority was next given to item No. 8 on the agenda paper regarding the revision of the assessment of Government property.

Considered Government letter No. 3956, dated 24th September 1889, General Department, to the President, as follows :—

SIR,—I am directed to acknowledge the receipt of your letter No. 3225, dated the 24th ultimo, and in reply to state that as the Municipal Corporation is unwilling to accede to the proposition made in my letter No. 2892 of July 23rd last, His Excellency the Governor in Council would now propose to appoint, under clause 2 of section 144 of the City of Bombay Municipal Act, 1888, Mr. T. D. Little, Officiating Chief Engineer, Northern Division, to fix the ratable value of the buildings and lands in the City of Bombay vesting in the Secretary of State for India in Council, and beneficially occupied, and to request that you will be good enough to inform me whether the Municipal Corporation assents to Mr. Little's appointment. The arrangement now proposed obviates the necessity for asking the Corporation to pay any sum to meet part of the cost of the valuation.—I have, &c., J. NUGENT, Chief Secretary to Government.

Proposed by G. Cotton, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, with reference to Government letter No. 3956, General Department, dated 24th September 1889, the Corporation are of opinion that it is undesirable that the question of revising the assessment of Government property should be left to the decision of a Government officer. The Corporation therefore respectfully request that Government will be pleased to appoint the gentleman originally named, Mr. Stevens, the Corporation agreeing to pay any sum of money as fee to Mr. Stevens, not exceeding Rs. 2,500.

No. 4236.

"That the Corporation will be prepared to sanction the necessary outlay on the recommendation of the Standing Committee."

Mr. Dinsha Edaljee Wacha proposed to insert the names of Messrs. Gostling & Morris in place of the name of Mr. Stevens, but this was not seconded, and the original motion was carried with one dissentient.

At 5-15 o'clock the meeting was adjourned, and the President fixed Monday, the 28th instant, at 3-30 P.M., for the adjourned meeting.

BOMBAY, 30*th October* 1889.

AT the Ordinary Monthly Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE Esq.; G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJEE DORABJEE DIVECHA, Esq., L.M.&S.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M.&S.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTUMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; E. F. UNDERWOOD, Esq., B. A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M.&S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Special Meeting held on the 10th instant, were signed.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the following be *recorded* :—Memorandum No. 11170, dated 1st October 1889, from the Commissioner, stating that, Mr. Goverdhundas Gokuldas Tejpal has been elected a Councillor by ratepayers, in place of Mr. Jalbhai Ardesir Sett. Memorandum No. 11187, dated same date, from the Commissioner, stating that Surgeon-Major G. A. Maconachie has been elected a Councillor by H. M.'s Justices of the Peace in place of Surgeon-Major James Arnott, resigned."

No. 4662.

Carried.

Mr. Kirkham asked that priority might be given to his notice of motion regarding the Joint Schools' Committee's By-laws, and when the President put the question to the vote, it was decided by 18 votes *against* 6 votes that such priority should be given.

Considered Government letter No. 1988, Educational Department, dated 12th October 1889, to the President as under :—

SIR,—I am now directed to reply to your letter No. 1087, dated 29th May 1889. I am to express regret for the delay in dealing with the subject, which has been entirely due to the necessity of considering carefully the question of the pensionary status of teachers transferred to the service of the Municipality. When your letter above quoted was received, the Civil Service Regulations, which embody the conditions of the pensionary rights of teachers in the service of Municipalities and other bodies, had not been issued. When they were received, the effect of some of the provisions affecting such teachers formed the subject of considerable discussion. Before confirming the bye-laws, it was necessary to see that there was no conflict between any of them and the provisions of the Civil Service Regulations.

2. In forwarding the accompanying copy of a letter from the Accountant General No. $\frac{A.C.}{17490}$, dated 2nd instant, I am to state that the suggestion referred to in para. 3 has already been made to the Government of India with the view of rendering admissible transfers between Bombay Municipal and other Municipal and Local Board Schools. The arrangement, if approved, will promote efficiency and economy in the entire system of primary education throughout the Presidency. It is, however, unnecessary to await sanction to the proposal before confirming the bye-laws, since they merely provide that contributions will be made in accordance with the rules from time to time in force, and if article 863 of the Civil Service Regulations is not adopted to apply to teachers in municipal schools, the contribution can be made under article 849 (3). These provisions apply or may be applied to teachers whose service begins under the Municipality. As regards teachers transferred from Government service, the contribution will be regulated by article 809 of the Civil Service Regulations, and as it will be on account of pension only, it would be desirable to omit the words " and leave allowances" in line 7 of draft bye-law 3.

3. For the reasons assigned by the Accountant General, the Governor in Council would prefer to omit the words " and such teacher shall be deemed to be admitted to the educational service of the Presidency and shall have his name and qualifications enrolled on the official list of teachers " in draft bye-law 4. The addition of a second proviso to draft bye-law 5 in the following terms also seems to be required to prevent conflict with an order of general application :—" Provided also that no teacher transferred from Government service shall be dismissed except with the consent of the Director of Public Instruction or the Educational Inspector." His Excellency in Council agrees with the Accountant General that it will be sufficient to provide in bye-law 11 for a closing balance of Rs. 5,000, but this is a point which Government is content to leave for the decision of the Corporation. The additions to the forms attached to the draft bye-laws suggested by that officer appear to be desirable.

4. If the modifications above indicated, which are not of vital importance, are accepted by the Corporation, the bye-laws will be confirmed,

and in that case the Governor in Council considers it unnecessary for the present at any rate to make supplementary rules under section 39 (7) of the Act. It will be, however, competent for Government under that provision to make hereafter such rules, or for the Corporation under section 461 to submit for confirmation such additions to, or amendments of, the bye-laws as experience may show to be expedient.

5. On the final confirmation of the bye-laws, the primary schools will be formally transferred to the Municipality together with the balance of the Presidency Educational Fund, the account of which in the meantime has provisionally been written up in accordance with the former system, on condition that the Municipality undertakes to meet any claims on account of pensions to teachers which are debitable to the Presidency Educational Local Fund Pension Fund, but which that fund may prove insufficient to meet. I am to explain that until 26th June 1882 there was maintained a Pension Fund in connection with the Presidency Educational Fund, that on that date it was closed to new entrants and that the pensions of employés who contributed to it, and on whose account contribution has subsequently been made, are charged to it and to general revenues according to the rule of proportions. Now the solvency of the Pension Fund is not guaranteed by Government, and if it was insufficient to meet any claims against it they would have to be met from the Presidency Educational Fund while it existed. If, therefore, the balance of the latter fund is made over to the Municipality it is equitable that the Municipality should undertake to meet any claims against the Pension Fund which cannot be met from that Fund.

6. The furniture and appurtenances of the Presidency Educational Fund Primary Schools will also be made over to the Municipality, but for purposes of account the value will be assessed.

7. As regards the future, I am to state that the Governor in Council is willing to continue for 5 years grants of the same amount as were made in 1888-89 to the Presidency Educational Fund and for grants-in-aid to aided primary schools. In his letter No. 11, dated 24th May 1889, the Chairman of the Joint Schools' Committee stated that Government had been credited with the payment of Rs. 16,000 for the municipal schools and Rs. 15,000 for the grant-in-aid schools ; of the latter amount, however, over Rs. 6,000 have been paid not under the grant-in-aid code, but under separate agreements on account of the primary departments in certain large institutions, the Rustomji Jamsetji Gujarathi Schools, Sir Jamsetjee Jijibhoy Parsi Panchayat Schools, Anjuman-i-Islam, Israelite School and Deaf-Mutes Institution, in which primary is combined with other education. The Governor in Council is of opinion that, to avoid possible legal difficulties, it will be preferable for Government to continue the whole of the grants made to these institutions under the agreements. The amount paid in 1888-89 under the grant-in-aid code to aided primary schools was Rs. 8,811. It appears therefore that, if Government continues a total grant of Rs. 25,000 per annum—Rs. 16,000 on account of municipal schools and Rs. 9,000 on account of grant-in-aid schools—the arrangement will be favourable to the Municipality.

8. His Excellency in Council recognizes that very much remains to be done for the development of primary education in the City of Bombay and is willing to give from the general revenues such assistance in the accomplishment of that object as is compatible with meeting the

fair claims of other parts of the Presidency. But the following comparison of the grant now proposed for the City of Bombay with the grants made in the districts of the Central Division will show that the Corporation is being liberally treated :—

	Population.	Principal grant. Rs.
Bombay	773,196	25,000
Poona District (rural population)	751,321	23,000
Satara	954,924	23,289
Sholapur...	478,596	14,250
Nagar	700,207	23,880
Nasik	713,479	22,500
Khandesh	1,069,523	26,000

Some of these districts are amongst the poorest in the Presidency. The grants made to wealthier districts are smaller.

The Local Boards have the same responsiblities as are now imposed on the Joint Schools' Committee. Besides providing their own primary schools, they aid private enterprise. The Corporation will not claim for the wealthiest city in India a larger share of assistance from the general revenues in proportion to population than it is found possible to give to the poorest districts. It may reasonably be expected that a more rapid advance in primary education will be made in the capital than in the districts, and such advance will involve increased expenditure. But the value of real property in the city is also rising rapidly, and a very moderate rate on it would yield a sufficient income to cover all expenditure likely to be required. The Corporation does not need to be reminded that both on statutory and on equitable grounds the cost of primary education must be met mainly from local funds, and the Governor in Council is confident that the zealous exertions of the Joint Schools' Committee will be successful in placing primary education in the Presidency town on a satisfactory footing.

9. As under the bye-laws the Joint Schools' Committee must employ as teachers only such persons as hold certificates recognized by the Educational Department or are in receipt of pensionable pay from Government so long as such persons are procurable, it will probably be found convenient for the Committee, unless it prefers to have a training school of its own, to send candidates to be trained in the Government training colleges. If the Corporation so desires, His Excellency in Council will be glad to direct that such candidates be admitted and trained on payment merely of their subsistence allowances or of the usual proportionate contribution on the same account hitherto paid out of the Presidency Educational Fund.

10. As already stated the arrangements above described will hold good for a period of 5 years beginning with the current year. The Governor in Council is confident that before the expiry of that period the zealous exertions of the Joint Schools' Committee will have attained success, and such facilities for primary education will have been provided as will do credit to one of the largest and wealthiest cities in the Empire. When this development has taken place, a revision of the conditions on which assistance is given from the general revenues may be found necessary or expedient.—I have, &c., J. MONTEATH, Acting Secretary to Government.

No. $\frac{A.C.}{17490}$, dated Bombay, 2nd September 1889.

ACCOUNT CURRENT DEPARTMENT.

TO THE SECRETARY TO GOVERNMENT,
Educational Department, Bombay.

SIR,—In returning the papers received with your endorsement, No. 1539, dated 15th August 1889, I have the honour to offer the following remarks on the several points noticed in your memorandum, No. 1158, dated 21st June 1889.

2. By-law No. 3 seems to contain all that is necessary regarding the salaries and pension and leave allowances of Government Educational Officers lent to the Municipality. The rule now in force with which the Committee undertake to comply, is Article 849 (3) of the Civil Service Regulations.

3. The arrangements required to obtain pensions from Government for teachers employed in Municipal institutions, have been fully explained in my letter, No. $\frac{A.C.}{7646}$, dated 11th June 1889, but to complete the scheme, it will be necessary to permit in the interests of the public service, transfers between these Municipal Schools and Government and Local Fund Schools. Article 865, Civil Service Regulations, provides for transfers between Government Schools and Local Fund Schools, which make the permanent arrangement referred to in Article 863, and if Municipalities are allowed to make similar arrangement, there can be no objection to transfers being allowed between all three kinds of schools. I would therefore ask Government to add this suggestion to those contained in my letter No. $\frac{A.C.}{7646}$, dated 11th June 1889, when submitting the papers to the Government of India for orders.

4. Even though mutual transfer between Government and Municipal service may be admissible, I do not think the by-law should assert, that "such teacher shall be deemed to be admitted to the educational service of the Presidency, and shall have his name and qualifications enrolled on the official list of teachers." Under existing rules the *pensionary* rights of these teachers will be secured, and this is all that is necessary. Were this portion of the by-law allowed to pass, it might create expectation of promotion as of right to posts in the Government Educational Department, which it might be inconvenient to allow. The Government rule would allow a transfer when necessary in the public interests, and this will, I think, be sufficient for the purposes of the Educational Department.

5. The expression "non-pensionable pay" in by-law No. 4 is used presumably to distinguish that pay from "pensionable pay" as defined in the rules of the Educational Pension Fund published in page 37 of the Bombay *Government Gazette*, dated 20th January 1870, pensionable pay being a salary of more than Rs. 10 per month, officers, drawing Rs. 10 and under, not being allowed to contribute to the Local Fund Educational Pension Fund.

6. By-law No. 5 as it stands, would permit the Joint Schools Committee to dismiss a Government servant transferred to a Municipal School, but the general rule laid down in the orders contained in the Resolution of the Government of India, Home Department, No. $\frac{37}{1889\text{-}1404}$, dated 29th July 1879, regarding the dismissal of Government servants, is that the authority which appoints to a particular office,

has the power to dismiss or remove from that office. These Government servants are not appointed by the Joint Schools Committee, and the power of dismissal does not therefore rest with that body. The difficulty can be met, however, by the addition of a second proviso to the by-law to the effect that no teacher transferred from a Government appointment shall be dismissed except with the consent of the Director of Public Instruction or the Educational Inspector.

7. I think that it will be sufficient to provide in by-law No. 11, for a closing balance of Rs. 5,000, as in the case of Local Fund balances. There appears to be no reason why the balance should stand so high as Rs. 10,000.

8. The forms attached to the by-law are the authorized standard forms in use by Local Boards. Before "estimate" in the third column of form No. 1, the word "revised" should be printed, and on the reverse of the expenditure page should be printed a memorandum in the following form :—

Memorandum showing how the estimated balance on the April 18 has been arrived at.

Actual balance on the 1st April 18	Rs.	
Add—Estimated receipts for 18	"	
Deduct—Estimated expenditure for 18	Rs.	
Estimated balance, 1st April 18	Rs.	

Chairman,
Joint Schools Committee.

Secretary.

—I have, &c.,
A. F. COX,
Acting Accountant-General.

Proposed by T. B. Kirkham, Esq.:—

"(1.) That the Corporation agrees to the changes suggested in the By-laws, except as regards the reduction in the amount of the balance, and that Government be requested to confirm and publish the by-laws with the least possible delay. The changes agreed to are :—(*a*) By-law 3, omit words "and leave allowances"; (*b*) By-law 4, line 9, omit words "and such teacher . . . . list of teachers"; (*c*) By-law 5, add the words "and provided also that no teacher transferred from Government Service, &c." as suggested; (*d*) add to forms as suggested by the Accountant General.

"(2.) That the joint Schools' Committee be requested, as soon as possible, after the confirmation of the by-laws by Government to submit their Budget Estimates for Primary Education for the year 1890-91 in accordance with by-law 11 and the provisions of the Municipal Acts.

"(3.) That the Joint Schools' Committee be authorized to take over the existing schools with furniture and all appurtenances and current Budget, together with the

balance of the Presidency Fund, to serve as a nucleus of the new Municipal School system. That the Corporation agrees to accept the possible liability for any future deficit in the Presidency Local Fund Pension Fund as an equitable charge upon the balance taken over; provided, however, that such liability be strictly limited to the amount of the balance.

"(4.) That Government be informed that the Corporation fully recognizes their desire to apportion the Provincial Funds at their disposal fairly amongst the various districts of the Presidency, and is prepared to accept the grant of Rs. 25,000 per annum for five years as proposed."

The motion was seconded by Colonel G. L. C. Merewether.

Amendment, moved by Narayan G. Chandavarkar, Esq., seconded by Dinshah Edulji Wacha, Esq.—

"That Government letter No. 1988, Educational Department, dated 12th October 1889, and letter No. 4663. No. $\frac{A.\ C.}{17490}$, dated 2nd September last, from the Accountant General, be referred to the Joint Schools Committee with a request that, after going over the letter from Government carefully, they will be so good as to place within a fortnight before the Corporation, their views generally on the points noticed in the letter of the Government, with special reference to the pecuniary results of the arrangements proposed by Government in their letter and the precise or the approximate extent of the liabilities which the Municipal Corporation will be incurring by the adoption of those arrangements."

Mr. Shroff proposed that the vote on Mr. Kirkham's motion be taken para. by para. which was agreed to.

On a division there were 26 votes *for* and 10 votes *against* the amendment, which was *carried* as a substantive proposition by 28 votes (against none).

Priority was next given to item No. 14 on the agenda paper regarding the laying down of the line of a new road from Love Lane to Matharpakhady.

Considered letter No. 12025, dated 16th instant, to the Municipal Secretary, as under :—

SIR,—I have the honor to request the sanction of the Corporation, under section 291 (*a*) of the Act, to my laying down the line of a proposed road running from Love Lane through Rose Cottage Lane to Matharpakhady Lane, as shown in red lines in the accompanying plan.

The line of roadway runs through vacant properties with the exception of a single building which is shown in red in the plan.

The land shown in yellow might be acquired by the Municipality for buildings, to form the street, if the Corporation should so approve. The cost of that land with the land for street fronting it would be approximately Rs. 47,466·63.

Plans have been received for the erection of buildings in this locality and the owners have called upon the Municipality to lay down the line of roadway and the time in this respect expires on the 13th proximo, *vide* section 348 (*b*) of the Act.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by K. M. Shroff, Esq., seconded by Mulji B. Bharbhaya, Esq.—

No. 4664. "That, as applied for by the Commissioner in his letter No. 12025, dated 16th October 1889, sanction be given, under section 291(*a*) of the Municipal Act, to the laying down of the line of a new road running from Love Lane through Rose Cottage Lane to Matharpakhady as shown in red lines on the plan accompanying the Commissioner's above letter.

"That the Standing Committee be requested to report to the Corporation on the financial portion of the proposal so far as the expenditure out of Municipal funds is concerned."

Carried nem. con.

At 5-15 o'clock the meeting was adjourned, and the President fixed to-morrow, the 31st instant, at 3 p. m., for the adjourned meeting.

BOMBAY, 30*th October* 1889.

THE business of the Special Meeting (originally called for the 10th instant and adjourned to 28th idem), fixed for this day, at 4-30 p.m., was not proceeded with, as the business of the first meeting lasted till 5-15 p.m. The President fixed to-morrow, the 31st instant, at 3-30 p.m., for this adjourned meeting.

BOMBAY, 31*st October* 1889.

AT the adjourned ordinary monthly Meeting of the Corporation (orginally called for the 30th instant, and adjourned from that day), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHA EDULJI WACHA, Esq.; EKNATH RAGHUNATH

KHOTE, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M.&S.; REGINALD GILBERT, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; COLONEL G. L. C. MEREWETHER, R. E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTAMDAS GOVARDHUNDAS, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The signing of the minutes of the ordinary monthly Meeting and the record of the adjourned special Meeting held on the 30th instant, was postponed.

Proposed by Colonel G. L. C. Merewether, seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 4739. "That, as recommended by the Standing Committee in their Resolution No. 4149, dated 9th October 1889, sanction be given to the payment of Rs. 755, from surplus Cash Balance, to provide for the increased rate (from Rs. 7 to Rs. 12 per diem) for the removal of offal from the Slaughter Houses at Bandora, from the 1st October 1889 up to the end of the current financial year."

Carried.

Proposed by Colonel G. L. C. Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 4740. "That, as recommended by the Standing Committee in their Resolution No. 4152, dated 9th October 1889, sanction be given to the payment of a further sum of Rs. 2,400, from surplus Cash Balance, to provide for the cost of weights, measures and other appliances required for putting on a satisfactory footing the means of verifying weights and measures."

Carried.

Proposed by Colonel G. L. C. Merewether, seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 4741. "That, as recommended by the Standing Committee in their resolution No. 3976, dated 2nd instant, sanction be given to the payment of Rs. 5,000, from surplus Cash Balance on account of the cost of supplemental machinery temporarily required at the Love Grove Pumping Station."

Carried.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Bhalchandra Krishna Bhatavadekar, Esq.—

"That the Administration Report of the Municipal Commissioner for the City of Bombay for the year

1888-89, together with 'Review' thereof by the Standing Committee, and the Report of the Municipal Auditors for the same period, be *recorded*.

"That, having regard to the fact that, whilst the revenue to Government from Liquor Licenses in Bombay is nearly 3 lakhs of rupees a year, Government, under the terms of Act V. of 1878, only pay Rs. 1,43,750 thereof to the Municipality, the Corporation is of opinion that it may fairly ask Government to make such equitable alteration of the law as would enable Government to make such a concession in the yearly sum payable to the Corporation as would represent a fair average revenue derived from Liquor Licenses; that the President be requested to address Government on this subject, and to point out that the Corporation may fairly ask for this concession, having regard to the large outlay which the further improvement of the city will involve, to the probability of the Municipality being called upon to make a large contribution towards additional police charges, to the fact that the Town Duty on petroleum which was estimated to yield one lakh of rupees was abolished as a Municipal duty from 1st April 1889, and to the circumstance that, consequent on the action of the Government of India in reducing the duration of the Tansa Water Works loan and all future loans from 60 to 40 years, half a lakh per annum more than was originally agreed to, has to be provided for the sinking fund of the Tansa loan, and about ½ per cent. more for sinking fund charges of all future loans."

The Hon'ble Mr. Rahimtula M. Sayani raised the point of order that, under the Rules for the conduct of business, the mover ought to have given three clear days' notice of his intention to move this substantive proposition.

The President approved of the principle which had actuated the Hon'ble Mr. Sayani, but said that that gentleman had failed to show a distinction between the practice which hitherto had been followed and the course which had been followed in reference to this proposition. Section 36 (*k*) of the Municipal Act provided that "any Councillor who desires at any meeting to bring forward any business or to make any substantive proposition which is not already specified in the notice of such meeting shall give written notice of the same to the Municipal Secretary at least three clear days before the day fixed for the meet-

ing." Now, the notice convening this meeting did contain the intimation that the Administration Report would be considered, and he (the President) ruled that it was open to the proposer of this motion to make such a proposal which merely was, that, instead of merely recording the papers, a certain point which they contained be brought before the notice of Government. He (the President) ruled that the motion was in order.

Mr. Dinshaw E. Wacha wished to move a rider to the effect that the Health Officer be asked to report on the causes of the high mortality from fever, but the President ruled that that was a proposal of which notice should have been given.

Amendment, moved by R. Gilbert, Esq., seconded by A. G. Viegas, Esq.—

"That the further discussion of the Administration Report for 1888-89, and the 'Review' thereof, be postponed."

Second amendment, moved by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Narayan Ganesh Chandavarkar, Esq.—

"That the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1888-89, together with the 'Review' thereof by the Standing Committee, and the Report of the Auditors to the Corporation for the same period, be *recorded*."

No. 4742.

With the permission of the President and the consent of the meeting, Messrs. Javerilal and Gilbert withdrew their respective motion and amendment, and the amendment of the Hon'ble Mr. Rahimtula Mohamed Sayani, which then became the substantive proposition, was *carried*.

Considered letter, dated 2nd October 1889, from Mrs. Caroline Marcks, praying that she may be allowed compassionate allowance in consideration of the services in the Municipality of her brother, Mr. F. M. Barreto, late clerk, Executive Engineer's Office.

Also Resolution of the Standing Committee thereon, No. 4156, dated 9th idem, as follows:—

"That the Corporation be informed that, under the existing Pension Fund Rules, the Standing Committee are unable to sanction the grant of compassionate allowance to Mrs. Caroline Marcks."

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

No. 4743. "That, with reference to her letter, dated 2nd October 1889, Mrs. Caroline Marcks be informed that, under the existing Pension Fund Rules, compassionate allowance cannot be granted to her."

Carried.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Rahimtula M. Sayani—

No. 4744. "That, as recommended by the Standing Committee in their Resolution No. 4144, dated 9th October 1889, sanction be given, pending the raising of the necessary loan, to the payment from surplus Cash Balance of the amount that may be awarded by the Collector of Bombay to the Gordon Mills Co., for 9,095·83 square yards, or thereabout, of land situate at Clerk Road, required for the deposit of sweepings."

Carried.

Considered the following :—

Preliminary Report of the Committee of the Corporation appointed to consider the question of nuisance arising from the discharge of sewage on the Flats.

The Committee appointed by the Corporation on 10th instant, as per margin, first considered the Commissioner's letter referred to and, seeing that the drainage of the northern part of the Island, and of Colaba, as well as incomplete portions of the general drainage of the town, involve some important problems, they recommend the Corporation to authorize the Commissioner to engage an eminent Drainage Engineer in England to come out to Bombay and advise and report on the question of the drainage of the Island generally. That, if practicable, the services of such Consulting Engineer should be retained in Bombay for the period of a full year. That in the meantime the Commissioner be asked to make the necessary preliminary enquiries at once in order that no time may be lost. At present the Committee are not in a position to state what the probable cost will be of securing the services of such specialist, but on this point they hope to be able to inform the Corporation as soon as the result is known of the negotiations which will now be entered into by Mr. Ollivant.

"That the Commissioner be requested, with the following Committee, to furnish the Corporation with an early report as to the best means of abating the great nuisance arising from the discharge of sewage in the Surface Drainage Reservoir on the Flats, and that the Committee be empowered to report on the letter of the Commissioner now read :—

"Colonel G. L. C. Merewether, Chairman ; Khan Bahadur Muncherjee C. Murzban ; Major H. O. Selby ; Mr. E. B. Carroll, the Hon. Mr. R. M. Sayani ; Mr. J. S. Alston ; Mr. Bhalchandra K. Bhatawadekar ; Mr. Thomas Blaney, and Surgeon-Major G. A. Maconachie."

The Committee hope to report, before long, on the points connected with the Flats nuisance question as to which enquiries are now being made.

G. MEREWETHER, MUNCHERJI C. MURZBAN, THOMAS BLANEY, JOHN S. ALSTON, BHALCHANDRA KRISHNA BHATAWADEKAR, E. B. CARROLL and R. M. SAYANI.† (Major Selby does not sign the report as he was not present at the Committee Meeting.)

† Surgeon-Major G. A. Maconachie is temporarily absent from Bombay.

Proposed by Colonel G. L. C. Merewether, seconded by Dinshaw Edulji Wacha, Esq.—

"That the preliminary Report of the Committee of the Corporation appointed to consider the question of the nuisance arising from the discharge of sewage in the Surface Drainage Reservoir on the Flats be approved, and that the Commissioner be authorised to engage an Engineer in England of recognized reputation for experience in drainage works, to come out to Bombay and advise and report on the question of the drainage of the Island generally. That, if practicable, such Engineer remain in Bombay for one year."

No. 4745.

Carried.

Considered the following :—

"*Address to H. R. H. Prince Albert Victor.*

"The Committee appointed by the Corporation on the 19th ultimo, as per margin, have the honour to forward herewith copy of the address which has been prepared for presentation to H. R. H. Prince Albert Victor on the occasion of his arrival in Bombay.

"That an address be presented by the Corporation to His Royal Highness Prince Albert Victor on the occasion of his arrival in Bombay in November next.

No. 3788.

"That the following Committee be appointed to prepare the address, to arrange for its presentation and further to report whether it is desirable to ask the Prince to take part in any public function on his return to this City :—

Mr. Javerilal Umiashankar Yajnik, Colonel G. L. C. Merewether, Mr. P. M. Mehta, the Hon'ble Mr. R. M. Sayani, Mr. A. M. Gubbay, the President.*

"That the Corporation will be prepared to sanction such grant as the Standing Committee may recommend, to defray the cost of illuminating the address and of a casket or case to contain the same."

Carried unanimously.

* The name of the President was added on the proposal of Cowasjee Hormusjee, Esq.

The Commissioner has been authorised to arrange for the illumination of the address, and for a casket to contain the same, within the limit of cost which the Standing Committee have recommended the Corporation to sanction.

We are of opinion that it is desirable there should be a function in connection with the Prince's return journey, including, if practicable, horse and flower shows and a *fete* in the Victoria Gardens, and that H. R. H. should be invited to take part in such proceedings.

If this suggestion meets with the approval of the Corporation, we propose that Sub-Committees of other bodies should act with the Committee of the Corporation.

GRATTAN GEARY, President; JAVERILAL UMIASHANKAR YAJNIK, G. MEREWETHER, P. M. MEHTA, R. M. SAYANI and A. M. GUBBAY.

Proposed by Thomas Blaney, Esq., seconded by the Honorable Mr. Rahimtula Mohamed Sayani—

"That the report of the Committee of the Corporation expressing the opinion that it is desirable to ask H. R. H.

Prince Albert Victor to take part in any public function that may be taken in hand on his return to the city be approved and adopted.

"That, on the recommendation of the Standing Committee, the Corporation will be prepared to sanction a grant of any reasonable sum towards the fund for the cost of holding a public entertainment, and to sanction the use of the Victoria Gardens for the occasion."

Amendment, moved by Colonel G. L. C. Merewether, seconded by A. G. Viegas, Esq.—

"That the Report of the Committee of the Corporation expressing the opinion that it is desirable to ask H. R. H. Prince Albert Victor to take part in any public function that may be taken in hand on his return to the city, be approved and adopted.

"That the Committee be authorized to invite other bodies or individuals to co-operate with them and arrange for holding Horse and Flower Shows and a *fête* in the Victoria Gardens.

"That the Corporation will be prepared to consider, subject to the previous sanction of Government, any recommendation that the Standing Committee may make regarding a grant from the Municipal Fund towards the cost of such entertainment.

"That the Standing Committee be requested to consider the matter and to report the amount of expenditure which should be sanctioned."

After discussion, with the permission of the President and the consent of the meeting, Colonel Merewether withdrew his amendment.

At the suggestion of the Commissioner, para. 2 was added to the original motion which, as thus amended, was *carried* as follows :—

No. 4746.

1. "That the Report of the Committee of the Corporation expressing the opinion that it is desirable to ask H. R. H. Prince Albert Victor to take part in any public function that may be taken in hand on his return to the city, be approved and adopted.

"That, on the recommendation of the Standing Committee, the Corporation will be prepared to sanction a grant of any reasonable sum towards the Fund for the cost of holding a public entertainment and to sanction the use of the Victoria Gardens for the occasion.

2. "That the Special Committee be authorised to add to their number and to associate with them persons of special experience in any branch of entertainment that may be proposed, who may not happen to be Municipal Councillors, and to resolve themselves into sub-committees."

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by T. B. Kirkham, Esq.—

"That the following be *recorded*:—Letter No. 59, dated 10th October 1889, from the Secretary, Joint Schools' Committee, stating that, on the 8th idem, Thomas Blaney, Esq., was re-elected Chairman of the Committee for the next year, commencing from 7th November 1889."

No. 4747.

Carried.

Considered memorandum No. 13530, dated 18th September 1889, to the Commissioner, as under:—

Memorandum.—The conservancy duties which the Health Department perform, may be divided into—

(A.) Those which the Health Department perform for the Public;

(B.) Those which the Health Department compel the public to perform for themselves.

By the term "Conservancy" I only refer to scavenging operations in this Report. (A).—The duties which the Health Department perform are the cleansing of public streets, private lanes, private wadis and oarts, public and private gullies, and dust-bins.

It is necessary to understand what are the duties performed by the Health Department in order that there may be no misunderstanding in regard to the responsibility of the Health Department and in regard to the proposals which I shall make. I am afraid there is very great public misunderstanding in regard to the duties which are performed by the Health Department and also in regard to the duties for which the Health Department are responsible. When I first joined the Municipality in 1873, some public streets were not cleaned every day and some were only cleaned once a day, and private lanes were cleaned once a week or so; now, all public streets are cleaned more than once a day, and many private lanes twice a day. It is not the duty of the Health Department to clean private lanes and private premises. The cleaning of private lanes has come to be performed by the Health Department, and hence is supposed to be the duty of the Department from two causes:

(A.) The difficulty and delay in prosecuting the owners of private lanes and the number of different owners;

(B.) The nuisance and injury to health of persons living in private lanes while such prosecution was being conducted.

Neither the cleaning of private premises nor of private lanes is the duty of the Health Department. One of the questions, B No. 2, is the removal of sweepings from private premises, and the reply to this

question is, that the satisfactory removal of sweepings and dirt from private premises depends on the provisions of the Municipal Act and on the application of these provisions by the Magistrates. I would here refer to an extract from the last Annual Report on the question of the conservancy of private lanes and private premises :—

"It cannot be too widely known that persons committing nuisances "can only be punished by Magistrates, that nuisances on private pro- "perty can only be dealt with by Magistrates and that the Magistrates "must be looked to for the protection of the public against nuisance on "private property or from foul matters cast from houses on public "streets."

The number of private lanes being cleaned by the Health Department has increased enormously during the last five years. Groups of new houses in every wady form private lanes and these lanes are being cleaned by the Health Department. In Girgaum, Byculla and Parel, where there were no houses before, there are now a large number of private streets to be cleaned by the Health Department. In some portions of the city the sweeping work of the Department has enormously increased. In regard to private lanes and private premises the Municipality are doing more for the public than any Corporation in England, I believe, does. The Health Department are doing at the public expense, that which owners should properly do for themselves at their own expense. My recommendation, therefore, in regard to private lanes and private premises is, that the Health Department do cease to clean them and enforce the provisions of the Municipal Act. The conservancy of private lanes and private premises will then depend on the punishments inflicted by the Magistrates, and the public will look to the Magistrates. There will no doubt be serious nuisances, but, on the other hand, the public will be educated in practical sanitation and trained to protect themselves ; for they will have to attend the Police Courts and give evidence and very few people can now be persuaded to do so. This proposal has strong financial recommendations. It will enable either a reduction to be made on the scavenging side of the Budget of the Health Department or it will render unnecessary an increase of establishment for a couple of years ; therefore, although not on grounds of public health, but on grounds of public economy, this proposal has much to recommend it. It would be necessary to increase the number of Magistrates, and I think that the Municipal Commissioner should have the powers of a Magistrate ; for my own conviction is, that until the Municipal Commissioner has the power of dealing with small offences against public health, as for instance, nuisances from houses or from persons or thoroughfares or places of public resort, there will be no improvement in the sanitation of streets or private premises.

I am glad that the moveable dust-bin carts have met with approval. I introduced the moveable dust-bin in 1879. The first form was an ordinary cart, and after the cart had been tried, the present form was adopted. It is scarcely necessary to admit that the statement in clause 1 of the Resolution is correct, because the old dust-bins are old, and because they are not so useful nor so cleanly as the moveable dust-bin carts. We have for years been asking for sanction to the construction of moveable dust-bin carts in order that the old dust-bins might be removed.

The following statement shows the number of moveable dust-bin carts we proposed to construct each year and the number which have been sanctioned in the Budget:—

Years.	Dust-bin carts asked for.	Dust-bin carts sanctioned.
1884-85	106	40
1885-86	10	10
1886-87	50	10
1887-88	.....	.....
1888-89	108	98

The adoption of the first clause of the Resolution depends on the amount of money which the Corporation will sanction for the construction of moveable dust-bin carts.

(1) I estimate that 700 moveable dust-bin carts are necessary.

(2) I have already referred to conservancy of private lanes and private premises. The conservancy of private lanes and private premises depends on—

(A.) The Municipal law;

(B.) The interpretation of the law by the Magistrates.

(C.) The number of prosecutions.

The cleansing of dust-bins and the conservancy of public streets and gullies can be made more satisfactory by spending more money, that is, by employing more Bigaries and employing more carts and bullocks. I do not think the supervision of Bigaries can be increased, for the simple reason that neither the Bigaries nor the Halalkhors will now submit to more supervision or do more work. While the work of the Bigaries has been increased every year and the supervision made harder, the pay is less than in 1874, and the recent strike was the result. In the future more attention will have to be paid to the convenience of the Bigaries and the conservancy establishment.

The number of public urinals would not be sufficient if the people used the urinals. But the people do not use the urinals much. I should recommend that the number of urinals be increased, provided that persons using the grounds outside the urinals are to be punished. The construction of more urinals depends on the sum of money which is set apart for that purpose. I recommended before that, as a temporary form of urinal, the mouths of gullies should be paved and constructed in the form of an oval-shaped open drain. An oval-shaped open drain with a supply of water makes a very useful urinal. At present there is under consideration a proposal for a moveable form of urinal. The condition of all urinals depends chiefly on the water supply. If the water supply is full, the urinals will be sweet.

In conclusion, I would state that during the recent strike the nuisance caused by the cessation of work for even one day has demonstrated to the public what an interruption in the work of the Health Department means. The failure to clean a dust-bin for one day has results which few people realized till the strike occurred.

T. S. WEIR, Health Officer.

No. 11894 OF 1889-90.

BOMBAY, *14th October* 1889.

Copy forwarded to the Municipal Secretary with reference to Corporation's Resolution No. 2766 of 18th July 1889. The Commissioner agrees in some of the foregoing remarks, and disagrees in others. He has not at the present moment the time for expressing his views in detail, and he does not wish to delay a reply to the Corporation's reference, especially as the matter is essentially one within the scope of the Health Officer's functions.

E. C. K. OLLIVANT, Commissioner.

Proposed by Javerilal U. Yajnik, Esq., seconded by Bhalchundra Krishna Bhatawadekar, Esq.—

"That, with reference to the Health Officer's memorandum No. 13530, dated 18th September 1889, regarding the Resolution of the Corporation No. 2766, dated 18th July last, the Corporation will await the receipt of a further communication from the Commissioner on the subject."

Amendment, moved by Thomas Blaney, Esq., seconded K. M. Shroff, Esq.—

"That memorandum No. 13530, dated 18th September last, from the Health Officer, be referred to the Standing Committee for consideration and disposal by them in connection with the preparation of next budget estimates."

No. 4748.

The original motion was, with the permission of the President and the consent of the meeting, *withdrawn*, and the amendment which thus became the substantive proposition, was *carried*.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Bhalchundra K. Bhatwadekar, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 4293, dated 16th October 1889, sanction be given to the payment of Rs. 2,500 from surplus Cash Balance, to meet the amount due to Mr. F. W. Stevens, C.I.E., for revising the assessment of buildings and lands vesting in Her Majesty."

No. 4749.

Carried.

This concluded the business of this meeting.

BOMBAY, 31*st October* 1889.

AT the adjourned Special Meeting of the Corporation (originally called for 10th instant, and adjourned to 28th idem, and further adjourned to 30th), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DARASHAH RATANJEE CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; EKNATH RAGUNATH KHOTE, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON-SINGH; COLONEL G. L. C. MEREWETHER, R.E.; NAOROJI BEIRAMJI SUN-TOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJEE DHURMAJI, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

E. C K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

Considered letter, dated 24th August 1889, from Mr. Byramji Dadabhai Banaji, regarding want of drainage at Colaba.

Proposed by Javerilal Umiashanker Yajnik, Esq., seconded by the Honb'le Mr. Rahimtula Mohamed Sayani—

"That the following be *recorded*, as the applicant has already been informed that the question of the drainage of Colaba is engaging the attention of the Commissioner :—Letter, dated 24th August 1889, from Mr. Byramji Dadabhai Banaji."

No. 4750.

Carried.

Proposed by Colonel G. L. C. Merewether, seconded by T. B. Kirkham, Esq.—

"That Government Resolution* No. 6113, Revenue Department, dated 20th August 1889, on the Annual Report of the Bombay Veterinary College for the year 1888-89 be *recorded.*"

No. 4751.

Carried.

Considered Government letter No. 3671, Financial Department, dated 28th September 1889, to the President, as under :—

SIR,—I am directed to forward for the information of the Municipal Corporation of Bombay the accompanying copy of Government Resolution No. 3609, dated 24th instant, passed on your letter No. 3772, dated 18th instant, forwarding for transmission to the Secretary of State a memorial on behalf of the Corporation, protesting against the proposal to alter the day of the departure of the English mails to Sunday.

2. The memorial was forwarded to its destination by the Mail Steamer of the 27th instant.—I have, &c., J. DeC. ATKINS, Acting Under-Secretary to Government.

* *See* Proceedings of the Standing Committee, 18th September 1889.

No. 3609. FINANCIAL DEPARTMENT.
Bombay Castle, 24th September 1889.

Letter from the President, Municipal Corporation, Bombay, No. 3772, dated 18th September 1889. Forwarding for transmission to Her Majesty's Secretary of State for India, a memorial on behalf of the Municipal Corporation, protesting against the proposal to alter the day of the departure of the English Mails to Sunday.

Resolution: The memorial should be forwarded to the Secretary of State, with an intimation that this Government entirely concur in the views expressed by the Municipal Corporation regarding the undesirability of the proposed change of the day of departure of the homeward bound Mail Steamers.

2. The President of the Municipal Corporation should be informed.—JOHN NUGENT, Chief Secretary to Government.

Proposed by T. B. Kirkham, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

"That letter No. 3671, Financial Department, dated 28th September 1889, from Mr. Acting Under-Secretary Atkins, forwarding Government Resolution No. 3609, Financial Department, dated 24th idem, regarding the memorial from the Corporation, protesting against the proposed change of the day of departure of the English Mails to Sunday, be *recorded*."

No. 4752.

Carried with acclamation.

This concluded the business of this meeting.

ADDRESS TO H. R. H. PRINCE ALBERT VICTOR OF WALES, K.G., K.P.

BOMBAY, 9*th November* 1889.

The Address from the Corporation to H. R. H. Prince Albert Victor, K.G., K.P., was presented to His Royal Highness on his landing at the Apollo Bandar, at about noon this day.

In accordance with the terms of Government Notification No. 7278, Political Department, dated 4th instant, accommodation was provided for members in the *shamiana* erected by the Public Works Department.

Owing to the fact that the P. & O. s. s. "Oceana," by which H. R. H. travelled from Ismailia, arrived at 8 a.m. instead of at 2 p.m., as anticipated by the Captain of that vessel and by Government, the attendance of members of the Corporation, of officials generally, and of the public, was less than would have been the case otherwise. Many attended subsequently to the hour fixed in the official programme.

The following members were present :—Grattan Geary, Esq., President; Framji Dorabji Divecha, Esq., L.M. & S.; Kaikhosro Nowroji Kabraji, Esq.; K. M. Shroff, Esq.; Khan Bahadur Muncherjee Cowasjee Murzban, ASSOC. M.I.C.E.* ; Narotamdas Goardhandas, Esq.

E. C. K. Ollivant, Esq., C.S., C.I.E., Commissioner; and the Municipal Secretary.

The President read the following Address :—

To HIS ROYAL HIGHNESS
PRINCE ALBERT VICTOR EDWARD OF WALES,
K.G., K.P.

MAY IT PLEASE YOUR ROYAL HIGHNESS,

We, the President and Members of the Municipal Corporation of Bombay, welcome your Royal Highness to India on the spot where fourteen years since His Royal Highness the Prince of Wales, your illustrious Father, realising the dream of his life, set foot on this shore.

On the occasion of that memorable visit, the recollection of which is yet vivid in Bombay, the Prince of Wales very graciously referred to the long association which had subsisted between the Royal Family of England and the City of Bombay. This association, of historic importance, has been strengthened by the presence amongst us successively of three of Her Majesty's sons, to one of whom Her Majesty has been graciously pleased to confide the care of the Bombay Army, His Royal Highness the Duke of Connaught, who, with his consort, Her Royal Highness the Duchess of Connaught, has now been for some time domiciled in this Presidency and gained a wide and deserved popularity.

In the peaceful years which have elapsed since your Royal Father was in our midst, this great commercial and manufacturing community has enjoyed continuous and signal prosperity. The foreign commerce of this Port, which had then reached the large amount of forty-five millions sterling a year, has now reached the imposing total of ninety-five millions. The Municipal revenues of Bombay, which at that time amounted to thirty lakhs a year, have now, without perceptible enhancement of the burden of taxation, risen to fifty-four lakhs—an increase accompanied by a corresponding advance in education, in sanitary measures, and in the material comfort of the citizens and people.

Under the benign rule of Her Majesty the Queen-Empress this City has largely profited by the tranquillity and security enjoyed by all Her subjects in this vast Empire.

We venture to express the hope that other engagements in connection with your journey through India—which, we trust, will be pleasant one—will not prevent Your Royal Highness

* On other duty as Executive Engineer, Presidency.

from remaining amongst us for some days on your homeward journey before bidding farewell to India.

We regard it as of happy omen that Your Royal Highness has arrived amongst us on a day auspiciously connected with the former presence here of Your illustrious Father, the Prince of Wales, who celebrated his thirty-fourth birthday on the Ninth of November 1875, under this bright and hospitable Bombay sky which smiles upon us all.

BOMBAY, 9*th November* 1889.

The Common Seal of the Municipal Corporation of the City of Bombay affixed in the presence of
COWASJEE HORMUSJEE, C.C.M.C.,
JAVERILAL UMIASHANKAR YAJNIK,
FAZULBHOY VISRAM,
Members of the Standing Committee of the Corporation.

Seal.

GRATTAN GEARY,
President.
H. W. BARROW,
Municipal Secretary.

His Royal Highness replied to the address as follows and handed the President the signed copy (which is inserted on the records).

Mr. President and members of the Municipal Corporation of Bombay :—I am deeply sensible of the kindly welcome conveyed in the address which you have just read. From early boyhood I have been accustomed to hear of the cordial and magnificent reception given by the city of Bombay to my father, the Prince of Wales, in 1875. With this association in my mind, and a recollection of those so gracefully referred to in your address, I cannot but feel that in this beautiful city I am to-day landing, not amongst strangers, but surrounded by friends. As a friend, then let me express my sincere congratulations on the extraordinary record of prosperity which is represented by the facts and figures mentioned by you. For this prosperity, you are, as you loyally recognize, largely indebted to the peace so happily secured under the rule of Her Majesty the Queen-Empress ; but these results could not have been attained without the exercise on the part of the community of Bombay of those qualities which have raised their city to rank amongst the foremost of the Empire. It will afford me very great pleasure to communicate to Her Majesty the Queen-Empress, the loyalty to her throne and family displayed both in your warm greeting to myself and in terms of the address you have presented to me. Your charming city being the gate of India, you have frequent opportunities of showing

that you possess all the characteristics of a perfect host by your manner of welcoming the coming, and speeding the parting, guest. The desire so kindly and pleasantly expressed, that I should remain with you for some days before bidding farewell to India, is entirely in accord with my own wishes, and I have every reason to hope that, during my visit as a parting guest, I may have time to become more fully acquainted with Bombay and its enterprising citizens, who have given me so hearty a welcome to-day. In conclusion, I trust that I may be allowed to thank you for the kindly reference you have made to my arrival being co-incident with the anniversary of my father's birthday.

BOMBAY, *November* 9, 1889.

ALBERT VICTOR,
Major, X. Royal Hussars.

BOMBAY, 25*th November* 1889.

AT a meeting of urgency of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; REGINALD GILBERT, Esq.; GOVARDHANDAS G. TEJPAL, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; MANEKJI BEHRAMJI DADABHAI, Esq.; MANEKSHAW J. TALIARKHAN, Esq., B.A., LL.B.; COLONEL G. L. C. MEREWETHER, R. E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTUMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; MAJOR H. O. SELBY, R. E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; E. F. UNDERWOOD, Esq., B. A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M.&S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the ordinary monthly, adjourned ordinary monthly, and adjourned special meetings held on the 30th and 31st ultimo, and the records of the adjourned special meeting called for the 30th idem, and of the proceedings at

the Reception and presentation of Address to His Royal Highness Prince Albert Victor of Wales, K.G., K.P., on the 9th instant, were signed.

With the permission of the President and the consent of the meeting, the following letter from Mr. E. B. Carroll to the Municipal Secretary, dated Matheran, 21st instant, was read:—

DEAR SIR,—I was nominated upon the Special Committee to consider the proposal to pump water into the Vehar Lake from the Pawai Valley, and as I left Bombay for a fortnight only, I thought I have had an opportunity for expressing my opinion on the matter at one of the meetings, but I see from to-day's papers that the proposal has been passed by the Standing Committee, and is to come before a Corporation Meeting on Monday, the 25th instant. I have of course not seen the report of the Special Committee and can only take the position of recording my dissent to the proposed work being treated as a permanent work.

I think the result of the Vehar Lake supply failing before Tansa is available would be so very grave that I am in favor of any reasonable expenditure to fill it each season until then.

I therefore vote for a scheme as a temporary measure, but I am entirely and absolutely opposed to a permanent arrangement for pumping into Vehar or any other lake, as it is false engineering.

Bombay has a certain considerable rainfall, and has many sites near it where lakes can be formed. Nature has pointed out and the good sense of the inhabitants has seen that the rational mode of supplying Bombay with water is to impound this certain rainfall.

For this purpose large expenditure has been incurred on the sites of lakes, on dams to impound the water, and long pipe lines to deliver it to the city.

Other cities differently situated, which have not an inexhaustible supply from their rainfall, or have no elevated sites for lakes, may pump water from wells or rivers, but in such cases are saved the initial expenditure on constructing great lakes, and have to bear instead the permanent annual expenditure for pumping.

If Bombay, after spending vast sums on her lakes, now proceeds to pump into one of them, she will render her water supply arrangements ridiculous.

I consider that we should spend up to the last rupee which can be usefully employed in extending the gathering ground of Vehar Lake; but if we then cannot fill it annually it does not show that we should pump, but proves that we take too much from Vehar, more than nature ever intended it to supply.

The moment Tansa supply is available we can reduce our consumption from Vehar; it will be filled annually, and the pumps be required no more. Tansa with its intended extension will supply Bombay's needs for the next 50 years, so for half a century pumping will be unnecessary and absurd.

The extension of Bombay is not going to be indefinite; we have not got the energetic population behind in the mofussil, as in America for instance, and such a vast growth as has been witnessed in her cities, will not be seen here. Neither, in my opinion, do we require the amount

of water supply per head needed in Europe. The domestic demand is much less, and the calculations made that Tansa will supply all wants for the next half century will, I feel confident, be amply fulfilled.

Pumping on the scale now proposed will be most expensive. Coal is always costly in Bombay, and its price will be enhanced by delivery at Vehar. Repairs, including renewals, are expensive here, and will cost double at Vehar what the same could be done for in the Island of Bombay. The valleys near Vehar are always fever-stricken ; it will be most difficult and expensive to keep a competent staff to work the pumps in that locality. I believe that, if the annual cost of pumping is capitalised, adding the first outlay, the sum would pay for another lake.

I again repeat I make no objection to this scheme as a temporary measure. If so arranged, the pumps should be obtained of such types and sizes as are in demand, and could be sold hereafter at a moderate loss. There would be only a small outlay on temporary buildings. The dam would be limited to a small structure, sufficient to inclose a large pool for the pumps to draw from, during a temporary stoppage of the rainfall. This would be all. In two years' time the plant would be got rid of, and the city would hear no more of pumping for such a purpose for the next half century, if ever.—I am, &c., E. B. CARROLL.

Proposed by Major H. O. Selby, seconded by Colonel G. L. C. Merewether—

No. 5152. "That, subject to sanction from the Government of India to the raising of a loan of Rs. 4,55,000, and, in view of providing against an almost certain deficiency during the hot weather of 1892, and a possible deficiency during the hot weather of 1891, sanction be given, as recommended by the Standing Committee in their Resolution No. 4903, dated 20th instant, to Mr. Tomlinson's scheme for bunding a water supply from Pawai in the valley below the Vehar dams and of pumping the impounded water into the Vehar Storage Reservoir and the mains leading therefrom, at a cost of Rs. 4,55,000.

"That this estimate is exclusive of cost of land, that the land to be submerged will be about 500 acres, which will have to be immediately acquired, and that the question of acquiring the gathering ground may be considered later on.

"That, pending the raising of the said loan, the cost of this work be paid by advances from available balances to be adjusted against the loan."

Rider, proposed by Colonel Merewether, seconded by the President :—

"That, pending the like sanction, sanction be given to the acquisition of the land required for the impounded area, the cost in the meantime to be met by similar advances."

On a division, the rider was agreed to by 15 votes *against* 1.

Amendment, moved by Bomanjee Pestonjee Master, Esq., seconded by Tribhovandas Varjivandas, Esq. :—

"That the consideration of the proposed Pawai Water Works Scheme be postponed for a week to allow of Councillors to fairly consider the scheme."

On the original motion and the amendment being put to the vote, the votes were recorded as under :—

	For	Against
Amendment... ...	... 6	34 *Lost.*
Original motion ...	... 33	0 *Carried.*

The meeting separated at 5-15 P.M.

BOMBAY, 28*th November* 1889.

AT the Ordinary Monthly Meeting of the Corporation, held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE-SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI VACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJEE, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; GOVARDHANDAS GOCULDAS TEJPAL, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISONDAS NAROTUMDAS, Esq.; JAMSHEDJEE KHARSEDJEE KAMA, Esq.; JAVERILAL UMJASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; SURGEON-MAJOR G.A. MACONACHIE, M.D.; MANEKJI BEHRAMJI DADABHOY, Esq.; MANEKSHA J. TALEYARKHAN, Esq., B.A., LL.B.; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; NAOROJI BEIRAMJEE SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NUTHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.

The MUNICIPAL SECRETARY.

The signing of the minutes of the meeting of urgency, held on the 25th instant, was postponed.

Letters were received from Captain Sir Henry Morland, Kt., and Major H. O. Selby, R. E., apolozising for non-attendance on account of having to attend to other urgent business.

Proposed by Dosabhai Framji, Esq., seconded by Rahimtula Khyraz, Esq.—

"That the following be *recorded*:—Letter, dated 6th November 1889, from Mr. H. C. Burder resigning his seat in the Corporation."

No. 5237.

Carried.

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That letter No. 4753, dated 1st November 1889, to the President, from the Municipal Secretary, reporting the Budget transfers sanctioned by the Standing Committee up to 30th October last, Rs. 2,846-6-2, as under, be *recorded*:—

No. 5238.

	Rs.	a.	p.
Transfer from savings in Section I., Establishment, Love Grove sluices, Engineer's Budget, to Section I., maintenance of sluices, B. Warli sluices, to meet the pay of an extra man employed from 12th April to 31st May last, at the new sluice at Warli	16	5	4
Transfer from savings in Section III, Surveyors and Draftsmen, Engineer's Budget, to Sections I. and III., Assessment and Collection Department, to meet the cost of acting arrangements made during the absence of the Assessor and Collector and a Ward Superintendent on privilege leave	461	0	10
Transfer from savings in the grant of Rs. 27,600 for the construction of Argyll drain to the grant of Rs. 25,000 for the construction of cast-iron and zinc ventilating shafts along the Frere Road sewer, to meet the amount of the accepted tender for the latter work	2,369	0	0
	Rs. 2,846	6	2"

Carried.

Considered the following :—

Letter No. 70, dated 5th November 1889, to the Municipal Secretary, as under :—

SIR,—With reference to the resolution of the Bombay Municipal Corporation, No. 4663, dated 30th October, forwarding to the Joint Schools' Committee, Government letter, No. 1988, Educational Department, dated 12th September last, for favour of the Committee's Report, I have the honour to inform you that a meeting of the Committee was held yesterday to consider the letter, and the views they have authorised me to express on their behalf, are as under :—

2. The Joint Schools' Committee is of opinion that a free interchange of qualified teachers, as suggested in para. 2 of the Government letter, between the Bombay Municipal and the Municipal and Local Board Schools in the mofussil, is desirable.

3. The changes in the by-laws, asked for by the Accountant-General, are not of vital importance, and the Committee is of opinion that they might be agreed to, excepting the suggestion for the reduction of the balance to Rs. 5,000. The Committee thinks that the balance should be Rs. 10,000, as has been already provided for in draft By-law 11.

4. With reference to para. 5 of the Government letter, the Joint Schools' Committee sees no objection to the balance of the Presidency Educational Fund being taken over by the Corporation. So far as the Committee is aware, it is doubtful whether the liability for a possible deficit in the Pension Fund will exceed the amount of the balance. Its

exact amount cannot at present be ascertained, but it is not probable that the amount will be large. The Director of Public Instruction in a communication addressed to the Committee, states that pension charges are a first charge upon the funds available for educational purposes; whence it may be inferred that, in case of a deficit, the Government would meet that deficit out of any funds available, before making its annual grant for primary education to Municipal schools.

5. The Committee is also of opinion that the furniture and appurtenances of the existing schools referred to in para. 6 of the Government letter, should be accepted by the Corporation, as offered by Government.

6. In reply to the question as to the future financial responsibility which will be incurred by the Corporation, the Joint Schools' Committee is of opinion that under section 120 (*c*) of the City of Bombay Municipal Act, the minimum responsibility of the Corporation will be Rs. 27,500, whereas the actual budget grant for the current year is Rs. 31,374. Considering, however, that Government propose to continue to pay the grant of Rs. 6,000 per annum towards the primary schools, which are parts of the large educational institutions specified in para. 7 of their letter, the total Government grant for primary education in Bombay is really Rs. 31,000 as hitherto, and on that calculation the minimum responsibility of the Corporation will be Rs. 39,500. It is for the Corporation to come to an understanding with Government, whether the Government contribution is to be regarded as one of Rs. 25,000 or Rs. 31,000. In the opinion of the Joint Schools' Committee, it is desirable that in the interests of primary education, the Corporation should place the most liberal construction on the facts, and accept the sum actually paid by Government for primary education in Bombay, *viz.*, Rs. 31,000, as the basis of the calculation of the minimum Municipal contribution. This view is, in the Committee's opinion, in accordance with the spirit of section 61 of the City of Bombay Municipal Act, which directs that adequate provision shall be made for maintaining, aiding and suitably accommodating schools for primary education in Bombay.

7. With regard to para. 9 of the Government letter, the Joint Schools' Committee considers it desirable to continue the existing arrangement of paying for the training of teachers by making the usual contributions towards the subsistence of the students whilst in residence in the Government Training Colleges.

8. The Committee is of opinion that the by-laws should be passed without any avoidable delay.—I have, &c., THOMAS BLANEY, Chairman, Joint Schools' Committee.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

"1. That the changes suggested in the by-laws, except as regards the reduction in the amount of the balance which, the Corporation thinks, should be Rs. 10,000, be accepted. The changes now agreed to are:—

No. 5239.

(*a*) By-law 3—omit words "and leave allowances;" (*b*) by-law 4, line 9—omit words "and such teacher . . . list of teachers;" (*c*) by-law 5—add the

words "and provided also that no teacher transferred from Government service, &c.," as suggested; (*d*) add to forms as suggested by the Accountant-General.

"2. That, as soon as the by-laws are confirmed by Government, the Joint Schools' Committee be requested to submit their Budget Estimate for the year 1890-91, for Primary Education, to the Municipal Commissioner for inclusion in the general Budget, and that it be prepared in accordance with by-law 11, and with the provisions of the Municipal Act.

"3. That the Joint Schools' Committee be authorized (with the sanction of Government) to take over the existing Primary Schools in Bombay, together with their furniture, all appurtenances, and current Budget and also the balance of the Presidency Fund. The Corporation agrees to accept the possible liability for any future deficit in the Presidency Local Fund Pension Fund as a charge upon the balance taken over, on the distinct understanding that such liability be limited to the amount of the balance."

The motion was seconded by T. B. Kirkham, Esq., and *carried nem con.*

Proposed by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the following be *recorded* :—Letter No. 12931, dated 2nd instant, from the Commissioner, to the Municipal Secretary, as under :—

No. 5240.

SIR,—In reply to the Corporation's Resolution No. 2770, dated 18th July last, I have the honour to refer the Corporation to pages 62 and 63 of the Administration Report for the last year which supplies the information needed in para. 1 thereof.

As regards para. 2, the Chief Accountant states that such details of the actual surplus cash balance can only be accurately ascertained at the close of each year, after the closing of the annual accounts.—I have, &c., E. C. K. OLLIVANT, Commissioner."

Carried.

Considered letter, dated 2nd November 1889, from Mr. Pandurang Vishnu Abhayankar, forwarding correspondence between himself and the Commissioner on the question of the refusal of the Commissioner to grant applicant a license to act as Surveyor.

Proposed by Dosabhai Framji, Esq., seconded by T. B. Kirkham, Esq.—

"That, in reply to his letter, dated 2nd November 1889, Mr. Pandurang Vishnu Abhyankar be informed that the granting of a license to act as

No. 5241.

Surveyor does not come within the province of the Corporation."

Carried.

In accordance with notice of motion, it was—

Proposed by Dinsha Edulji Wacha, Esq.—

"That the Corporation views with regret the increasing number of deaths from fever in the city, and desires that the Municipal Commissioner, in consultation with the Health Officer, will, at an early day, say, on or before 30th December next, inform it of the measure or measures which ought to be taken to check the growth of, if not, to reduce to a material extent, the mortality from that disease."

Dr. R. N. Khory seconded the motion and was proposing to add a rider to the motion, when Mr. Javerilal Umiashanker Yajnik raised the point of order that the seconder at this stage of the discussion could not move a rider.

Dr. Khory then withdrew the rider.

The President read report by the HealthOfficer,No. 18197, dated 13th instant, to the Commissioner, as under :—

"The chief cause of fever is referred to at pages 340, 341, 342, 355, 371, 372, 373, 374, 375 and 376 of the Annual Report for 1888-89. This cause is absence of drainage or imperfect drainage. The other chief cause is also referred to in that report and in others, imperfect house ventilation. Under my No. $\frac{8744}{16-8-89}$ I drew the Commissioner's attention to a number of houses in one ward only without sufficient means of ventilation, either without or within buildings. I do not receive a return of new buildings sanctioned by the Executive Engineer. It is necessary that I should have a weekly return of such buildings.—T. S. WEIR, Health Officer."

No. 14183, dated this day.

"Forwarded to the Municipal Secretary.

"Orders have been given for a weekly return of buildings to be furnished by the Building Department to the Health Officer, but as regards ventilation, no control can be exercised (except in new districts) in the absence of By-laws.—E. C. K. OLLIVANT, Commissioner.

The President also quoted various passages (pp. 340, 341, 342, 355, 371, 376) of the Administration Report for 1888-89, wherein the Health Officer refers to the question of fever.

A. G. Viegas, Esq., moved a *rider* that after the words "Health Officer" the following words be inserted:—

"And a Committee consisting of Dr. R. N. Khory, Mr. Thomas Blaney, Mr. Bhalchandra Kristna Bhatawadekar, Khan Bahadur M. C. Murzban, and Mr. Dinshaw E. Wacha."

Mr. Blaney withdrew his name and the names of Surgeon-Major G. A. Maconachie and Mr. A. G. Viegas were added on the proposals of Dr. Khory and Mr. Bhalchandra K. Bhatavadekar, but Surgeon-Major Maconachie declined to serve.

The mover accepted the rider and at the suggestion of Mr. Dosabhai Framji and with the consent of the meeting, omitted the words "say on or before 30th December next" from his motion.

The motion, as thus amended, was *carried* as follows by 12 votes *against* 3:—

"That the Corporation views with regret the increasing number of deaths from fever in the city and desires the Municipal Commissioner, in consultation with the Health Officer and a Committee, consisting of Dr. R. N. Khory, Mr. Bhalchandra K. Bhatavadekar, Khan Bahadur M. C. Murzban, Mr. Dinsha E. Wacha and Mr. A. G. Viegas, will, at an early day, inform it of the measure or measures which ought to be taken to check the growth of, if not to reduce to a material extent, the mortality from that disease."

No. 5242.

The meeting separated at 5 o'clock.

BOMBAY, 19*th December* 1889.

AT the ordinary Monthly Meeting of the Corporation held this day, there were present:—

GRATTAN GEARY, Esq., *President*.

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L. M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.;

JAGMOHANDAS VANDRAWANDAS, Esq. ; SIR JAMSETJEE JEJEEBHOY, BART, C.S.I. ; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; JAYA KARADI LINGU, Esq. ; RAI BAHADUR LUCHMON SINGH ; MANEKJI BEHRAMJI DADABHAI, Esq. ; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S. ; COLONEL G. L. C. MEREWETHER, R.E. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MULJI BHAWNIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NAOROJI BEIRAMJI SUNTOOK, Esq. ; NAROTAMDAS GOVARDHANDAS, Esq. ; PHEROZESHAH M. MEHTA, Esq. ; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E. ; RAHIMTULA KHAIRAZ, Esq. ; RASTAMJI NASARVANJI KHORY, Esq., M D., M.R.C.P. (London) ; G. W. ROUGHTON, Esq. ; SHIVAJI DHURMAJI, Esq. ; TRIBHOWANDAS VARJIWANDAS, Esq. ; RAO SAHEB VASUDEV J. KIRTIKAR ; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the SECRETARY.

On the motion of Colonel G. L. C. Merewether, Thomas Blaney, Esq., was voted to the chair for the time being, pending the arrival of the President.

The minutes of the meeting of urgency held on the 25th ultimo, and of the ordinary monthly meeting held on the 28th idem, were signed.

Letter was received from E. B. Carroll, Esq., apologizing for non-attendance on account of indisposition.

Proposed by Cowasjee Hormusjee, Esq., seconded by Thomas Blaney, Esq.—

"That the following be *recorded* :—Letter, dated 9th December 1889, from Mr. Nanabhoy B. Jeejeebhoy, resigning his seat as a Councillor.

No. 5536.

"That the Corporation regret that failing health compels Mr. Nanabhoy B. Jeejeebhoy to sever his connection with the Municipality with which he has been closely connected ever since 1873, when the Corporation was re-organized, and as a member of which, as also of the late Town Council, he rendered much good service."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That letter No. 5298, dated 5th December 1889, from the Municipal Secretary to the President, reporting the Budget transfer sanctioned by the Standing Committee on the 4th idem, as under, be *recorded*:—

No. 5537.

"Transfer from savings in section X, Halalkhor Branch, A, Superintendence, Health Department Budget, to section X, Halalkhor Branch, G, Rent, same Budget, to meet the amount of rent of a plot of ground taken over from the Port Trust at Mody Bay for a night-soil depôt, Rs. 193-6-0."

Carried.

With reference to item No. 3 on the agenda paper regarding the payment of 2,000 guineas and travelling and other expenses to Mr. Baldwin Latham, whilst engaged in advising and reporting on the question of the drainage of Bombay, the Secretary, with the consent of the meeting and the permission of the President, read the Resolution of the Standing Committee, No. 5444, dated 18th December 1889, as under :—

"That the following be forwarded to the Corporation:—Memorandum No. 14672, dated 7th instant, from the Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 5299, dated 5th instant, copies of telegrams as under :—

To Baldwin Latham, Esq., Shepherd's Hotel, Cairo. From E. C. K. Ollivant, Esq., Commissioner, Bombay.

Corporation desire your services two months : agree terms stated by you in letter to Tulloch, namely, two thousand guineas besides travelling and other expenses.—E. C. K. OLLIVANT, 5th December 1889.

To Bombay. From Cairo.

E. C. K. Ollivant, Esq., Commissioner. Baldwin Latham, Esq.

Arranged to come end of month."

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 5538. "That, as recommended by the Standing Committee in their Resolution No. 5156, dated 27th November last, sanction be given to the payment from surplus cash balance of the equivalent of 2,000 guineas, the sum payable to Mr. Baldwin Latham during the months of January and February next whilst engaged in advising and reporting on the question of the drainage of Bombay.

"That sanction be also given to the payment from surplus cash balance of Mr. Latham's travelling and other expenses in connection with his attendance in Bombay."

Carried.

Proposed by Javerilal Umiashanker Yajnik, Esq., seconded by Jamshedji Pallonji Kapadia, Esq. :—

No. 5539. "That the consideration of notice of motion from Major Selby be postponed until the first meeting in January."

Amendment moved by Sir Henry Morland, seconded by Dosabhai Framji, Esq.—

"That the notice of motion from Major Selby be removed from the agenda paper, it being left to Major Selby to give notice afresh if he wishes to do so."

Mr. Pherozeshah M. Mehta raised the point of order whether it was competent to the Corporation to order the removal of the notice from the agenda paper. The item must be disposed of one way or another, and the proper course would be to let the notice drop. It was questionable whether Mr. Javerilal could be considered to be in order in asking for the postponement of a matter which was not yet before the meeting, the business in this case being the notice of motion itself.

The President concurred with Mr. Mehta, but after discussion decided to put the question to the vote ; the votes were as follows:—

	for	*against.*
Amendment	4	16 *Lost.*
Motion	16	9 *Carried.*

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashanker Yajnik, Esq.—

No. 5540. "That, as recommended by the Standing Committee in their Resolution No. 5256, dated 4th instant, sanction be given to supplementing the previous grant of the Corporation, *viz.*, Rs. 9,76,350 by Rs. 9,659 on account of the cost of the extensions of the new Municipal Office buildings as approved by para. 3 of the Resolution of the Corporation, No. 7130, dated 13th March last."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 5157, dated 27th November last, the Corporation approve of the employment of Mr. F. W. Stevens, C.I.E., to frame an estimate of the cost of (1) fire service with fittings, (2) water supply ditto, (3) general drainage ditto, (4) surface drainage, (5) hydraulic lift with supply tank, &c., (6) lighting, (7) compound railings and gates and laying out ground, and (8) furniture for the new Municipal Office buildings."

Amendment moved by Rastamji Nasarvanji Khory, Esq., seconded by Bhalchandra Krishna Bhatawadekar, Esq.—

"That the proposition be referred back to the Standing Committee for reconsideration."

Mr Dinshaw Edulji Wacha moved the following rider which was accepted by the mover of the amendment,

and which, with the consent of the meeting, was allowed to form part of the amendment :—

"And that the Standing Committee be asked to ascertain what lump sum Mr. Stevens would charge for preparing the estimates mentioned in the Resolution of the Committee, No. 5157, dated 27th November last."

On a division, the amendment was *carried* by 28 votes *against* 10, and was passed as a *substantive proposition*, as under, by 27 votes *against* 12 :—

"That the proposition be referred back to the Standing Committee for reconsideration, and that the Standing Committee be asked to ascertain what lump sum Mr. Stevens would charge for preparing the estimates mentioned in the Resolution of the Standing Committee, No. 5157, dated 27th November 1889."

No. 5541.

Considered the following letter No. $\frac{299 \text{ M. W.}}{2035}$, Public Works Department, dated 27th November 1889, to the President, as under :—

SIR,—I am directed to forward a report* by a Committee appointed by Government to report on the Sanitary condition of the Marine Lines Quarters, and to convey the request of Government that the subject may receive very early attention.—I have, &c.,

*No. 5776, dated 23rd October 1889.

L. M. VALLADARES,
for Under Secretary to Government.

No. 5776 OF 1889.

PUBLIC WORKS DEPARTMENT,
BOMBAY, *23rd October* 1889.

TO THE SECRETARY TO GOVERNMENT,
Public Works Department, Bombay.

SIR,—We have the honour to submit the report called for in Government Resolution No. 192 M. W.—1385 of 12th August 1889. The Committee was completed late in September by the addition of the member nominated by the Bombay Corporation, and we at once held a preliminary meeting and have since continued our enquiries and are now in a position to report the results at which we have arrived.

2. Our opinion is especially called for in regard to the following points, which we propose to consider in the order referred to :—

(1) The condition of the Officers' quarters and the cause of their unhealthiness.

(2) The construction of the new quarters with special reference to the water-closets and the supply of water for sanitary purposes.

(3) The drainage of the lines and the ventilation of the sewers.

3. In regard to the first point,* we find that there are four permanent quarters and twenty-three of a temporary character, of which latter seven are available for officers in Civil employ, while one is at the disposal of His Excellency the Naval Commander-in-Chief, the balance, as well as the four permanent quarters, being allotted to Military officers doing Military duty.

*The condition of the Officers' quarters and the cause of their unhealthiness.

4. The temporary quarters, with which this our first head of enquiry is mainly concerned, are single-storeyed huts with verandahs necessarily low, in order to afford some kind of protection and to mitigate the drawbacks inseparable from the construction adopted, which does not provide for closing or protecting the verandahs in any way. The walls are of split bamboo, encased in a plaster of cowdung and earth and covered with a layer of lime plaster and white or colour-washed. The floors are either of earth only or of earth covered with a thin skin of lime plaster, and the roofs are of cudjans (palm-tree leaves) on junglewood rafters, the framing of the structure being of timber on timberpost supports. The floors are in some instances actually below the level of the nearest road, while in most of the others there is a height of only a few inches above road level.

5. The Municipal Act now in force would not permit the erection of such buildings by private owners; and the whole of the conditions of the huts in question, so far as construction and materials are concerned, are, we consider unwholesome, and we are unanimously and strongly of opinion that it is most undesirable, in a climate like Bombay, with its average of nearly 80 inches of rain in four months, to locate officers and their families in low buildings composed of materials consisting largely of vegetable matter in a damp and decaying condition. The extent of the resulting unhealthiness we are unable to gauge with any degree of accuracy; but we do not hesitate to affirm that the conditions are decidedly unfavourable from a sanitary point of view, and if the evil results are less marked than might be expected, the fact may be attributed to the amenities of the situation, which are so great, that they do much towards neutralizing the bad effects of the quarters themselves. Suitable houses in such a favourable situation should be particularly healthy and convenient, and to utilise so valuable a position for one-storeyed huts of the kind now existing is, in our opinion, wasteful of the health and comfort of the occupants and of the interests of the public as owners of the property.

6. The latrines of these temporary bungalows may be debited with a considerable share of the smells which at times pervade the Marine Lines. The solids from these are removed by hand, and as the latrines are used by a large number of native followers, and are unsuitable in construction, smells are very likely to arise, unless the greatest care is taken to secure cleanliness and to counteract the evils inseparable from the hand-removal system, by means of disinfectants, &c. The most thorough remedy with a successful drainage system would be to use water-carriage for excreta; but we are not prepared to recommend this, for, though we doubt if it would aggravate the existing evils to any great extent, we do not wish to advocate new experiments until those already undertaken prove more successful. In the new bungalows, which we recommend in place of the temporary structures now existing, particular attention should be paid to latrines and drains, and

provided the speedy removal of the sewage at a sufficient velocity can be secured, we consider that the solids should also be taken by the drains. We notice that, while bath-room openings are trapped and have screens to prevent solid matter being introduced into the drains, most of the servants' latrines have no traps, and the pipes are so arranged as to admit of solids being introduced. In some of these pipes provision tins, &c., have been discovered from time to time by the Work Establishment; but the Executive Engineer is already dealing with this matter.

7. Our final conclusion in regard to these temporary structures is that they are not capable of the modifications necessary to make them healthy and desirable as dwellings, and we recommend that they should be replaced as speedily as possible by upper-storeyed bungalows of a permanent character.

8. We deem it advisable to point out that the disadvantages, to which we have already referred, are aggravated by the amount of vegetation permitted in the Marine Lines. In our opinion free access for breeze should be secured as far as practicable ; but as matters stand at present, in many places trees and shrubs form screens which exclude much of the available wind. We consider that it would be better to confine the vegetation in the compounds to lawns only ; but if this is deemed too sweeping, we would, in any case, impose a maximum height of four or five feet for any shrubs or plants that might be permitted. The present arrangement may secure privacy, but it secures it at the expense of the important element of perflation ; and reasonable privacy may, we think, be obtained without the amount of vegetation which now exists in some of the compounds. Our proposals, if adopted, will seriously restrict gardens, and this we regret ; but the conditions of the locality require that garden should be restricted, so that air may circulate freely ; besides which it is desirable to reduce the thick bushes, &c., which afford cover for the refuse and dirt which we find to be partially responsible for the smells.

The construction of the new quarters with special reference to the water-closets and the supply of water for sanitary purposes.

9. Our second point, as shown in margin, has reference to the sanitary arrangements of the new permanent quarters, and we find that there are certain defects which require to be remedied. In one case, two water-closets and one bath connect with the same soil-pipe in such a manner that fœcal matter is stated, on the authority of the occupant (Surgeon J. P. Barry, M.D.), to pass up the bath-room waste-pipe. The ventilation of the drains, too, is unsatisfactory, as the only exit for the drain air is by a small opening in the centre manhole or by the soil-pipes, there being no special up-cast pipe and no efficient disconnection between soil-pipes and drains, though disconnection between the sewer and the drains has been provided for. We understand that a number of modifications have been made from time to time in regard to the details of the drainage of these houses and to meet complaints of smells, and the net result at the present time is a state of things by no means satisfactory. It will not, however, be either difficult or expensive to provide the necessary remedial measures, and the Chief Engineer, Northern Division, is preparing plans and estimates for carrying out the improvements agreed to by the Committee, and these we have seen and approved.

10. The water-supply does not appear to us to be defective as regards water-closets, for it is practically constant, provided the storage tanks and all the fittings are in working order. One weak point, however, is that the supply for the tanks is drawn from the same pipe as that which suplies the house and garden, but in the proposed additions and alterations this will be changed and a separate pipe provided. A constant supply would doubtless be an improvement in many ways, but the present arrangement, if kept in good working order, should prove satisfactory so far as sanitary requirements are concerned.

The drainage of the Lines and the ventilation of the sewer.

11. The last point with which we have to deal is indicated in margin, and it may be conveniently divided into two sections : (1) the house drains, (2) the municipal sewer.

12. Like the main sewer the house drains have been the subject of much controversy, and they have been altered and modified from time to time and are still incomplete in regard to the important matters of flushing and ventilation. There are 28 house drains, each dealing with one set of buildings, and there is one tributary sewer which deals with 6 houses and their out-buildings. For the four new officers' quarters there are modern water-closets connected with the drains, but for all the other houses the matter dealt with is confined to liquids, including urine, bath and kitchen water, &c.

13. The drains are laid at slopes varying from 1 in 15 to 1 in 100 for 4″ pipes, 1 in 15 to 1 in 175 for 6″ pipes, and 1 in 10 to 1 in 173 for 9″ pipes. In the project it was specified that all the drains should be laid in gradients varying from 1 in 100 to 1 in 225 ; but there is no available record of the actual grades adopted, and the figures now given have been obtained from data specially collected for this enquiry. The minimum grade usually adopted by the Bombay Municipality is 1 in 40 for 4″, and 1 in 50 for 6 pipes. The grades might originally have been better, and might have been laid out in a more systematic manner; but it is now too late to remedy this, except at a heavey cost, and if efficient flushing can be provided the drain need not be relaid, though it would be well to effect minor improvements in slope, direction, &c., from time to time.

14. No effective provision has been made for flushing, except in regard to the four new quarters and bungalow No. 31, and even in the new quarters the flush does not benefit the drains close to the house, as the tanks are near the servants' latrines. A project has been sanctioned* for providing a flushing-tank at the head of each of the systems of house drains, and we recommend that this should be speedily carried out. There is also a provision in the same estimate for closing manholes and for providing ventilating pipes to discharge above the buildings to which they will be attached. We propose to treat the matter of ventilation more fully in the portion of our enquiry relating to the municipal sewers ; but we are of opinion that it is desirable to try the experiment of ventilating the house drains through pipe flues as proposed, and this system may, if necessary, be supplemented by surface openings in suitable positions at a distance from habitations.

*Government Resolution No. 153 M. W.—1655 of 27th September 1888.

15. In addition to the works proposed in the estimate referred to in the last paragraph, we consider it desirable that there should be manholes adjoining each of the syphons which connect the municipal

sewer with the house drains. These will enable the syphons to be easily examined and kept clear, and give a more satisfactory connection. We consider that a manhole at each junction of the drains with the sewer would also be an improvement; but this was not arranged for originally, and to make the alteration now would add to cost, and, though desirable, this change is not absolutely necessary.

16. We would also, as already stated, desire the improvement of gradients and the re-alignment of drains in many cases; but this would mean doing over again much of the work on which Government have already expended about Rs. 14,000. If the pipes were running half full, the gradients would give a sufficient velocity in most cases, but house drains often carry only a dribble, and the consequence is a rate of velocity altogether insufficient for self-cleansing. But before adopting any more drastic course, we suggest that liberal flushing should be tried, and if it proves insufficient, other remedial measures must be resorted to.

17. The flushing-tanks to be provided will do a great deal towards cleansing the main lines of house drains, but for the dead-ends of branch drains hand or cart-flushing should be resorted to, and for this and with a view also to daily, or at most, weekly, inspection, we recommended that an efficient establishment be permanently maintained. This will be expensive, but native servants are not likely, for some time to come, to treat drains with sufficient care, and we are afraid that the attention of the establishment referred to will be frequently required.

18. The municipal pipe sewer, which serves the Marine Lines, commences in the Mayo Road near the north end of the Secretariat, runs through Mayo Road to its junction with Church Gate Street, passes along Church Gate Street to the head of the Marine Lines Road, and continues the whole length of the Marine Lines Road to its junction with the Queen's Road near the Marine Lines Station. There is also a short branch from the Queen's Statue along Mayo Road to Church Gate Street. The ferrotype sheet accompanying, shows the drainage lines and levels, and it will be seen that the diameter of the pipe sewer from the Secretariat to the Queen's Road is 15 inches with a slope of 1 in 601, while the small branch pipe to the Queen's Statue is 9 inches in diameter with a slope of 1 in 143. There are in all 42 manholes, and taking the total length of 6,681 feet, this gives an average distance apart of 159 feet, the maximum distance, being 200 feet.

19. The branch 627 feet in length does not, we understand, carry any sewage, and in the portion from manhole $\frac{1}{1}$ to manhole $\frac{1}{12}$, about 1,606 feet in length, there is only one connection for storm water. The sewer is scarcely used at all for its legitimate purpose except from manhole $\frac{1}{12}$ to the Queen's Road connection, a total distance of 4,448 feet, in which length there are 27 manholes and 29 house connections. It would have been convenient and desirable to have arranged all these connections at manholes, but this has not been done, junction pipe having been generally adopted.

20. At the date of our first inspection, we found a stoppage between manholes $\frac{1}{12}$ and $\frac{1}{15}$. Beyond manhole $\frac{1}{15}$ for a short distance, there was a fair flow which was again gradually reduced in velocity, and for the last few hundred yards near the Queen's Road the sewage was almost stagnant and its level in the manholes was in some cases considerably above the top of sewer. There was a thick scum on the

surface in places and a certain amount of deposit all along, and though this was small at the commencement, it gradually increased towards the Queen's Road. The odour was very slightly offensive, and although there is no doubt there are noxious smells at times, owing to variation of temperature, flushing, &c., we are inclined to think that dirty and unsanitary latrines and dirt near the out-buildings may also have a good deal to do with the smells complained of.

21. It is only right to mention that Mr. James W. Smith, one of our members and Executive Engineer to the Municipality, informed us, at the commencement of our enquiries, that there was something wrong with the pumps at Love Grove which seriously affected their power to cope with the sewage, and this, it was explained, was the cause of the block at the Queen's Road which converted the lower end of the Marine Lines sewer into a reservoir for almost stagnant sewage instead of a channel for passing sewage on at a suitable velocity.

22. The question as to how long this inefficiency of pumping had existed we are not able to report, but it has, we believe, for some time been found difficult to deal with the volume received at the pumping station. If we followed up this branch of the subject under report, it would lead us into a general enquiry into the state of the Municipal sewers from the Queen's Road to the Love Grove out-fall, and this, we consider, is beyond the scope of our instructions, and for such an enquiry the concurrence and aid of the Municipal authorities would be a necessary preliminary. In regard to this, however, what we can and do say is, that it is impossible that the Marine Lines system can be efficient unless the sewage from it is able to flow away uninterruptedly, and at a proper velocity to Love Grove and the sea. It consequently behoves the Municipal authorities not only to look to the efficiency of their sewer in the Marine Lines Road, but also to see that the whole length beyond and up to the point of discharge into the sea is maintained in good order and free from deposit and is able to do its duty; and for this it is of course necessary that the pumping power at Love Grove should always be amply sufficient and in efficient working order, and we are glad that this matter is already receiving attention. We would suggest that observations in regard to flow, deposit, &c., should be regularly made and recorded for all sewers.

23. Leaving the general question in order to deal with local matters, we find that the obstructions between manholes $\frac{1}{12}$ and $\frac{1}{15}$ were mainly due to roots from the neighbouring Wad and Peepul trees. These roots have apparently penetrated at the joints and have made their way inside the pipes where they have so grown and developed as to have actually broken the socket of one of the pipes through which they passed, and to have so obstructed the pipes for a considerable length as to seriously diminish the flow. We fear that roots of trees, particularly trees of this nature, will always cause trouble, and all such trees near drains should be discouraged. Asphalte joints and encasing the pipes in concrete will reduce the evil, but will not necessarily remove it altogether. We consider that the Municipal authorities should deal with this matter at once and thoroughly (and we understand they are now doing so), and if there is no other course practicable, it may be necessary to substitute iron for stone-ware pipes in situations most exposed to the roots in question.

24. Another point for consideration is the manholes which are constructed with a side chamber and charcoal dividing screen. Charcoal, though theoretically useful, does not as a rule succeed in practice, and has been given up to a very great extent for manholes in England; and Bombay, with its moist atmosphere, is peculiarly unsuited to this material. The charcoal gets damp and clogged and serves to prevent the passage of air instead of merely acting as a filter, and we are unanimously of opinion that the charcoal screens referred to, should be removed, and free ventilation permitted.

25. It is probable that the removal of the screens may at times lead to worse smells than at present, for they now serve to keep the foul air in the sewers and to prevent it contaminating the outside atmosphere; but this principle of corking up openings while it keeps in impure air, also tends to produce it, and we would prefer to purify the sewers by the free passage of air rather than to aggravate their impurity by confining the air and reducing ventilation. Sewer air cannot be permanently confined, and if it is not able to get easy exit *viâ* legitimate ventilating openings, its expansive power will in time prove sufficient to unseal traps, and it may then pass into houses and prove seriously injurious.

26. We, therefore, recommend free ventilation by effective openings either at ground level or at a height above ground. The Municipal authorities are strongly in favour of ventilating by flues at a high level; and provided sufficient ventilation can be secured by this method at a moderate cost, we consider that it is the most favourable system to follow particularly for the narrow streets of an Indian city where many people sleep on terraces near ground level and breathe the layer of air which would be most liable to contamination from surface ventilators. We decline, however, to commit ourselves to any opinion as to whether in the varying conditions of atmosphere, &c., in this country it is practicable to obtain a sufficiency of ventilation by shafts at a moderate cost, and in regard to this we recommend a series of experiments extending over a considerable period.

27. We think that the temperature of the air within the sewers, as compared to the neighbouring free air, should be ascertained. We would also, by means of anemometers, measure the discharge per superficial inch in shaft and surface ventilators situated near to each other, and we would do this under various conditions as regards temperature, &c., and we would also endeavour to obtain a comparison between the efficiency of brick chimneys and iron flues as ventilators.

28. The means for making the above tests exist, and we think that the Bombay Municipality might in its own interests endeavour to collect materials and data to aid it in dealing with the numerous and troublesome questions which will have to be investigated and settled in regard to drainage matters in India. We have very little and very imperfect information as regards many drainage problems in England; but in this country we are still more in the dark, and what we require is reliable data on which to work. For the present we decline, as stated, to commit ourselves to any definite opinion in regard to the method which is most suitable for sewer ventilation in the Marine Lines. We would, however, ventilate the house drains by flues, as already stated, and would continue the existing surface ventilators for the main sewers for the present; but we recommend that the experiments referred to may be made and carefully watched, and the ventilation question should, we think, remain an open one for the present.

29. Another important item is flushing, and we suggest small flushing-tanks at the dead-ends of the sewer and branch sewer shown in ferrotype sheet; and we consider that the flushing should be frequent, say, at least once in twenty-four hours. This, with the removal of charcoal and consequent increase in ventilation, should do a great deal towards the purification of the sewer, if at the same time due provision is made to secure a free flow at a suitable velocity.

30. In dealing with the Municipal drainage, it must not be forgotten that the system is incomplete, and that consequently its present condition is by no means a fair indication of what it will be under the finished project. Drains are necessarily designed to deal with the discharge of the areas they serve, and the velocity of flow depends on the required quantity of sewage being forthcoming, for a sewer which running two-thirds full will show a velocity of, say, 3 feet per second, would be almost stagnant if the supply only gave a dribble along the bottom. An insufficient volume during construction is unavoidable and necessarily handicaps a drainage project; and though the difficulties may be reduced by means of liberal flushing, they must still remain, and it is therefore very desirable that a drainage system, once determined on and commenced, should be completed with all connections, and put into good working order as speedily as practicable.

31. We may summarise our main recommendations as follows:—

(1). The immediate improvement of house drains and their fittings for all the quarters and the completion of the project already sanctioned by Government for flushing and ventilating these drains. See paragraphs 11 to 16.

(2). The immediate improvement of the Municipal sewer in the Marine Lines, due precautions being taken to deal with the roots, &c. See paragraph 23.

(3). The early and thorough improvement of the continuation of the Marine Lines sewer to the sea out-let, which should be maintained in thoroughly efficient order, ample pumping-power being provided to meet all contingencies. See paragraph 22.

(4). The charcoal screens to be removed from the manholes in the Marine Lines. See paragraphs 24 and 25.

(5). Establishment to be provided to carefully look after all the house drains and connections. See paragraph 17.

(6). The removal of surplus vegetation in the Marine Lines and the restrictions of future vegetation to lawns or to dwarf shrubs and plants. See paragraph 8.

(7). The improvement of drainage and water-supply arrangements in the new quarters on proposals approved by the Committee. See paragraphs 9 and 10.

(8). The removal of present temporary huts in the Marine Lines and the substitution of permanent upper-storeyed quarters. See paragraphs 3 to 7.

(9). The provision of more flushing tanks for sewers and the use of all flushing tanks at least once in the 24 hours. See paragraph 29.

(10). Experiments to be tried in regard to the ventilation of the sewers. See paragraphs 26 to 28.

(11). Arrangements to be made for maintaining a record showing the state of sewers. See paragraph 24.

(12). The drainage system should, it is suggested, be completed as soon as possible. See paragraph 30.

We have, &c.,
T. D. LITTLE, M. Inst. C.E.,
Chief Engineer, Northern Division.
C. W. MACRURY,
Sanitary Commissioner.
HENRY COOK, M.D.,
Officiating Deputy Surgeon-General, Bombay District.
JAMES W. SMITH, M. Inst. C.E.,
Executive Engineer, Municipality, Bombay.

No. 1215 B OF 1889.

PUBLIC WORKS DEPARTMENT,
BOMBAY CASTLE, *3rd December* 1889.

To THE PRESIDENT, Municipal Corporation, Bombay.

SIR,—In continuation of my letter No. $\frac{299 \text{ M W}}{2035}$, dated 27th November 1889, I am directed to forward three letters noted in the margin, from the Sanitary Commissioner for the Government of Bombay, with a request that they may be submitted for the early consideration of the Corporation, it being understood that the very serious issues involved are already engaging their attention and they are contemplating immediate measures to effectually remedy the defects brought to notice.—I have, &c., L. M. VALLADARES, for Under Secretary to Government.

No. $\frac{B}{2772}$, dated 8th October 1889.
" $\frac{B}{2967}$, " 29th " "
" $\frac{B}{3081}$, " 8th November 1889.

No. $\frac{B}{2772}$ OF 1889.

SANITARY COMMISSIONER'S OFFICE,
POONA. *8th October* 1889.

To THE CHIEF SECRETARY to Government,
General Department, Bombay.

SIR,—With reference to Government Resolution No. 192, M.-W. 1385 of 12th ultimo, Public Works Department, I have the honour to report, for the information of His Excellency the Governor-in-Council, that I visited Bombay on the 25th ultimo, and attended a preliminary meeting of the Committee next day at the Public Works Department, Secretariat.

2. As the report will not be submitted as early as anticipated, owing to circumstances beyond the control of the Committee, I consider it advisable without wishing to create any unnecessary alarm to bring to the notice of Government, that there is something fundamentally wrong with the Bombay drainage, quite sufficient to account for the dangerous nuisance complained of by the residents in Marine Lines.

3. We found the 15-inch pipe-sewer immediately below No. 41 Marine Lines, completely stagnant, the sewage rising several inches in the manholes above the pipe, in fact an elongated cesspool, and it had been in this condition apparently for some time, no one seemed to know how long exactly.

4. The explanation afforded was that the pumps were defective. This may be the true primary cause, but the choking has, in my opinion,

arisen from the gradual accumulation of a deposit, that ought to have been removed before the sewage has been allowed to be ponded back as far as Marine Lines.

5. I visited the pumping station at the out-fall on the 2nd instant, and from what I saw and heard there, have come to the conclusion that the main sewer contains so much deposit that ordinary flushing and cleaning will not remove the obstruction, but that a process of regular dredging must be adopted before the drains are cleared.

6. The causes of choking and deposits in sewers are understood to be "original bad construction, too little fall, sharp curves, sinking of floor, want of water, check of flow by tides, so that the heavy part subside." (Parks). The same eminent authority remarks regarding the laying of drains, "they should be laid very carefully on concrete in all soils, sometimes in very loose soils, even piling for a depth of a foot must be used besides the concrete, when pipes are not laid on a good foundation, leakage is sure to occur sooner or later, and the final expense is far more than the first outlay would have been. The greatest care must be taken in laying and joining the pipes and in testing them afterwards to make sure they are water-tight. In a wet soil, a good plan is to have a firm basis or invert block, which is itself perforated to carry off subsoil-water and to put the drain over this, as in the plan of Messrs. Brooke and Son, Huddersfield."

7. So far as I am aware, the drains in Bombay have been laid without any foundation, neither concrete nor puddled clay, nor even a brick beneath the joints, and although the soil in many places is wet, no invert blocks have been used to drain off the subsoil-water. The drain between Nos. 2 and 3 manholes from the flushing tank in Marine Lines is said to be obstructed by roots of trees. If this solid pipe had been properly bedded in concrete and the joints carefully cemented, it would have been physically impossible for roots to penetrate it, and if roots insinuate themselves in one place, they will do so everywhere, and moreover it is feared that openings, which will admit roots, will permit the fluid contents of the sewer to escape into the subsoil which it pollutes at the same time that the sewer gets choked with deposit.

8. The evil smells of Bombay are notorious and must be detrimental to the public health. They are, however, only nature's warning that there is something wrong. The public are not aware of the condition of the drains being hidden from view, but heaps of surface, refuse, and offensive decomposing organic matter, which ought to be speedily removed, contribute to the pollution of the atmosphere in the more crowded localities.

9. It is no exaggeration to say that the subsoil of the most densely populated parts of the City is excrement, sodden and water-logged. Efforts should, therefore, be made to purify and drain it by means of perforated pipes. Bombay is fortunate in its improved water-supply and sea-breeze, but that is all that can be said in its favor from a sanitary point of view.

10. Probably a free use of disinfectants and deodorants, such as the terebene preparations in the worst places would be an improvement, and neutralize, to a certain extent, the disgusting and nauseating odours that prevail throughout the City and Fort.—I have, &c.,

C. W. MACRURY, Surgeon-Major,
Sanitary Commissioner.

No. $\frac{B}{2967}$ OF 1889.

SANITARY COMMISSIONER'S OFFICE,
POONA, *29th October* 1889.

TO THE CHIEF SECRETARY to Government,
General Department, Bombay.

SIR,—In continuation of my No. 2772B of 8th instant, I have the honour to report for the information of His Excellency the Governor-in-Council that, on the 22nd instant, we again inspected the Marine Lines Sewer, and found its contents moving sluggishly, where, on the 1st instant, the sewage was apparently stagnant.

2. It has taken three weeks to obtain this partial improvement by removing deposits from the Marine Lines pipe-drain and Queen's Road sewer, which are not in their present condition self-cleansing. The cause of the nuisance complained of, in Marine Lines, in my opinion, has been the black, putrid sewage, that has been allowed to accumulate in the sewer, and not the surface-ventilators as has generally been supposed.

3. Systematic inspection of the Bombay sewers has apparently not been carried out; otherwise, a deposit four feet deep would not have been allowed to form near the outfall in the main sewer as was discovered on the 1st instant by the Municipal Engineer.

4. This may be regarded to a certain extent as an index of the general condition of the drains, and also accounts for the foul and poisonous gases pervading the City and Fort, and it is difficult to understand how the evil can be remedied, unless the entire length of the sewers and drains is thoroughly cleaned out and kept free from obstruction.

5. Sewage in motion, as a rule, is neither offensive nor prejudicial to health. When it stagnates, however, it becomes highly noxious and dangerous to health. Hence the importance of keeping a record of the depth of water in the sewers and its velocity at particular points, and also "the amount of deposit and of sewer slime on the side or roof."

6. The present state of the drainage and sewerage of Bombay is a standing menace to the health of the public, and a reproach to the Municipal administration of the City, who have permitted the sewer and branch drains to become half choked for some time past.

7. I would venture to suggest that the sewers from the pumping station be first of all cleared of silt and deposit, and kept free from obstruction by constant inspection and removal of the solid portion of the sewage which subsides when the current is not rapid enough, owing to defective pumping or sudden flooding of the drains during rain, and that the Mahaluxmee tank be reduced in area and deepened six feet below low water level in order to drain that portion of the flats, better by the regular and careful working of the sluice gates day and night. This, I think, would abate the evil so much, and with reason complained of at present, and, it is hoped, improve the health of the inhabitants of Bombay.—I have, &c.,

C. W. MACRURY, Surgeon-Major,
Sanitary Commissioner.

No. $\frac{B}{3081}$ OF 1889.

SANITARY COMMISSIONER'S OFFICE,
CAMP SHOLAPUR, *8th November* 1889.

To THE SECRETARY to Government,
Public Works Department, Bombay.

SIR,—In reply to your No. 1105 B of 31st ultimo, in which you ask me "to substantiate what at present appears to be only an inference regarding the method in which the drains have been laid," I have the honour to state that the matter on which I have laid most stress is the fact of the drains in Bombay having been laid without any proper foundation. This I observed myself four years ago. The Municipal Engineer, Mr. Smith, admitted it to me last month before Dr. Cooke and Mr. Little, and if further proof were needed, the fact of tree-roots having gained entrance into and obstructing the pipe-drain in Marine Lines, should be considered sufficiently convincing—*ex uno disce omnes.*

2. I am under the impression that much of the ground in Bombay, in which drains are laid, is made or re-claimed soil, which, generally speaking, must have a tendency to sink, as it gradually subsides and consolidates. The precaution of laying the pipes on a firm basis, would, therefore, seem to be obvious. Dr. Parks, whom I have already quoted in my No. 2772 B, of 8th ultimo, says that drains "should be laid very carefully on concrete in all soils."

3. The evidence conveyed by the olfactory organs of any human being, having the sense of smell, proves how bad the Bombay drains are, and the fact of their not being "self-cleansing" but "sewers of deposit" conclusively condemns them.—I have, &c.,

C. W. MACRURY, Surgeon-Major,
Sanitary Commissioner.

Proposed by Pherozeshah M. Mehta, Esq., seconded by Bhalchandra K. Bhatavadekar, Esq.—

"That the following be forwarded to the Commissioner for favour of report:—Letters from Government, No. $\frac{209}{2035}$, P. W. D., dated 27th November 1889, and No. 1215 B., dated 3rd December 1889, giving cover to (1) letter from the Sanitary Commissioner, on the defective condition of the sewerage of the Marine Lines, and (2) report of the Special Committee appointed to enquire into the subject."

No. 5542.

Carried.

The meeting separated at 5 o'clock p.m., and the President fixed Thursday, the 9th proximo, at 3 P.M., for the adjourned meeting.

BOMBAY, 19*th December* 1889.

AT the adjourned Monthly Meeting of the Corporation (originally called for the 28th November 1889, and adjourned from that day), held this day, there were present:—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJEE WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; HASAMBHAI VISRAM, Esq.; HARKISONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSEDJI KHARSETJI CAMA, Esq.; JAMSETJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJE DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; COLONEL G. L. C. MEREWETHER, R. E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT. B.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NAROTAMDAS GOVARDHANDAS, Esq.; PHEROZESHAH M. MEHTA, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RAHIMTULA KHAIRAZ, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); G. W. ROUGHTON, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

In accordance with notice of motion, it was proposed by Javerilal U. Yajnik, Esq.—

No. 5543. "That, whilst the revenue to Government from the Liquor Licenses in Bombay is nearly 3 lakhs a year, Government, under the terms of Act V of 1878, only pay Rs. 1,43,750 thereof to the Municipality; that, in the opinion of the Corporation it is desirable to make such equitable alteration of the law as would enable Government to concede to the Municipality a yearly sum which would fairly represent the average revenue derived; and that the President of the Corporation be requested to address Government on the expediency of making this concession on the following, among other, grounds, namely:—

"'(1.) That, consequent on the action of the Government of India in reducing the duration of the Tansa Water Works loan and all future loans from 60 to 40 years, half a lakh per annum more than was originally agreed to has to be provided for the sinking fund of the Tansa Loan and about one-half per cent. for the sinking fund charges of all future loans.

"'(2.) That the Town Duty on petroleum, which was estimated to yield one lakh of rupees, was abolished as a Municipal duty from 1st April 1889.

"'(3.) That there is a probability of the Muncipality being called upon at no distant date to make a large contribution towards additional police charges.

"'(4.) That the drainage, street improvements, market extensions, and further improvements of the city are expected to involve a large outlay to the Municipality.

"'(5.) That the loss to the Municipality from 1878 to end of last year has been nearly 11½ lakhs, and will in future involve a loss of more than 1½ lakhs a year.'"

The above motion was seconded by Cowasjee Hormusjee, Esq., and *carried*.

Considered letter No. 4736, General Department, dated 15th November 1889, to the President, as under :—

SIR,—With reference to previous correspondence, I am directed to state, for the information of the Municipal Corporation, Bombay, that, under the provisions of clause 2 of section 144 of the City of Bombay Municipal Act, 1888, His Excellency the Governor in Council is pleased with the concurrence of the Corporation to appoint Mr. F. W. Stevens, M.I.C.E., C.I.E., to fix the rateable value of the buildings and lands in the City of Bombay vesting in the Secretary of State for India in Council and beneficially occupied.

2. Mr. Stevens will receive as remuneration Rs. 120 per diem subject to a maximum aggregate charge of Rs. 3,000.—I have, &c., J. DE C. ATKINS, Acting Under Secretary to Government.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

"That the following be *recorded* :—Letter No. 4736, General Department, dated 15th November 1889, from Mr. Acting Under Secretary Atkins, stating that His Excellency the Governor is pleased, with the concurrence of the Corporation, to appoint Mr. F. W. Stevens, C.I.E., to revise the valuation of buildings and lands vesting in Her Majesty, and that Mr. Stevens will receive, as remuneration, Rs. 120 per diem, subject to a maximum aggregate charge of Rs. 3,000."

No. 5544.

Carried.

This concluded the business of this Meeting.

BOMBAY, 9*th January* 1890.

AT the adjourned Monthly Meeting of the Corporation (originally called for the 19th December 1889, and adjourned from that day), held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

ABDULLA MAHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M. ; THOMAS BLANEY,

Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; FAZULBHAI JUMABHAI LALJI, Esq.; FAZALBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; GOVERDANDAS G. TEJPAL, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSETJI KHARSETJI KAMA, Esq.; JAMSETJI PALLONJI KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; MANEKJI BEHRAMJI DADABHAI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH MERWANJEE MEHTA, Esq.; PURSHOTUMDAS MUNGALDAS NATHOOBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARWANJI KHORY, Esq., M.D., M.R.C.P. (London); G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R.E.; SHIVAJEE DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; VANDRAWANDASS PARSHOTAMDASS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the ordinary monthly and adjourned monthly meetings held on 19th ultimo, were signed.

The President, in reply to a question by Major Selby, said he should rule that the whole of the four paras. of Major Selby's following motion should be discussed together, the votes on paras. 1 and 2 and on 3 and 4 being taken separately.

In accordance with notice, it was proposed by Major Selby—

1. That the Corporation places on record its great dissatisfaction at the want of reasonable foresight on the part of the Municipal Commissioner in either that (*a*) he did not recognize in 1886 what might and should have been recognized, *i.e.*, that with 4 years of average rainfall the Vehar Lake would be at an undesirably low level in 1888 and down to the lowest inlet level in 1890, it being known in 1886 that the earliest date on which there was any right to count on the Tansa supply was 1st June 1892, and that, even using the lowest inlet at Tansa Dam, water from that source would not be available till 1st June 1891, that is to say, not till a year after Vehar would practically be dry; or (*b*) if he did recognize these facts, then that he did not recommend sufficient means in time.

2. The results having been that the Corporation has been obliged hurriedly to sanction the Pawai scheme at a cost of at least 6 lakhs of rupees, not because that scheme was the best, for there is great reason to suppose that it is not, but solely because the matter was considered and brought forward so late by the Executive that time did not permit of any other scheme being undertaken.

3. With a view to making Vehar independent of Tansa, the Corporation directs that, during and after the rains of 1890, the Kennery and Ewur Schemes be carefully examined, and that the Municipal

Commissioner do obtain a detailed report from Mr. Tomlinson on these projects and submit it, with remarks by Mr. Clerke and himself, to the Corporation through the Standing Committee.

4. In the meantime that the Corporation will be prepared to sanction any reasonable expenditure for survey, &c., that the Standing Committee may recommend.

Not *seconded.*

The President having, after a pause, asked three times, whether any Councillor would second this proposal, and there being no response, declared that, as the proposal was not seconded, it fell through. Whilst Mr. Pherozeshah M. Mehta was speaking to the point of order, that as the notice had fallen through, Mr. Ollivant could not address the meeting.

Mr. Jamshedji P. Kapadia said he would second Major Selby's proposition.

The President said that motion not having been seconded at the time and having fallen through, Mr. Jamshedji P. Kapadia rose too late.

In reply to a question, Mr. Carroll was informed that the amendment of which he had given notice could be brought on by him at a subsequent meeting on due notice being given.

This concluded the business of this adjourned meeting.

BOMBAY, 9*th January* 1890.

AT the ordinary Meeting of the Corporation held this day, for the consideration of the Budget Estimates for the year 1890-91, &c., &c., there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. ; J. S. ALSTON, Esq. ; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., LM. ; THOMAS BLANEY, Esq. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DAMODAR TAPIDAS, Esq. ; DAMODAR THAKERSI MULJI, Esq. ; DINSHAW EDULJI WACHA, Esq. ; DOSABHAI FRAMJI, Esq., C.S.I. ; J. R. DUXBURY, Esq. ; FAZALBHAI JUMABHAI LALJI, Esq. ; FAZULBHOY VISRAM, Esq. ; FRAMJI DORABJI DIVECHA, Esq., L.M. & S. ; REGINALD GILBERT, Esq. ; A. M. GUBBAY, Esq. ; HASAMBHAI VISRAM, Esq. ; HURKISSONDAS NARROTUMDAS, Esq. ; JAGMOHANDAS VANDRAWANDAS, Esq. ; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I. ; JAMSEDJI KHARSEDJI KAMA, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; JAYA KARADI LINGU, Esq. ; KAIKHOSRO NOWROJI KABRAJI, Esq. ; RAI BAHADUR LUCHMON SINGH ; SURGEON-MAJOR G. A. MACONACHIE ; MANEKJI BEHRAMJI DADABHAI, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MIRZA HUSSEIN KHAN, Esq. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; NAOROJI BEIRAMJI SUNTOOK, Esq. ; PHEROZESHAH MERWANJEE MEHTA, Esq. ; RAHIMTULA

KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (LONDON); VANDRAWUNDAS PURSHOTUMDAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimates for the year 1890-91 be now taken into consideration by the Corporation."

Amendment moved by Dinshaw E. Wacha, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

"That, inasmuch as the inclusion of the estimated opening cash balance of Rs. 5,00,000 in the Detailed Statement (No. 1) of Income, and of the estimated closing cash balance of Rs. 1,07,106 in the Detailed Statement (No. 2) of Expenditure in the Budget Estimate for 1890-91, as finally approved by the Standing Committee, has, in the opinion of the Corporation, the effect of concealing the deficit of Rs. 3,92,894 for the Budget year, the Budget Estimate be referred back, under section 129 of the Municipal Act, 1888, to the Standing Committee, with a view, firstly, of omitting the items above referred to from the Detailed Statement of Income and Expenditure (Nos. 1 and 2) and showing on the face of the Budget Estimate the deficit of Rs. 3,92,894; and, secondly, of preparing and presenting along with those amended statements a new detailed statement, to be called No. 3, showing the ways and means to meet the aforesaid deficit of the Budget year, distinctly exhibiting therein the cash balance of one lakh as required under section 126, sub-section 2 *c* of the Municipal Act, 1888."

On a division, the *amendment* was *lost*, the votes being 4 *for* and 13 *against*.

The original motion was *carried* by 24 votes (against none.)

The President adjourned the meeting until 3 P.M. on Friday, 10th instant.

BOMBAY, *9th January* 1890.

THE business of the special meeting called for this day was not proceeded with as the business of the ordinary meeting lasted till 5 P.M., and was not concluded. The President fixed the adjourned meeting for Friday, the 10th instant at 3-5 P.M.

BOMBAY, 10*th January* 1890.

AT the adjourned Special Meeting of the Corporation (originally called for the 9th instant, and adjourned from that day), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DARASHA R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MANEKSHAH J. TALEYARKHAN, Esq., B.A., LL.B.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZESHAH MERWANJEE MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The signing of the minutes of the adjourned monthly and of the ordinary meetings held on the 9th instant, and of the record of the special meeting called for the same day, was postponed.

With the consent of the meeting, the President gave priority to the following notice of motion regarding Tansa Water Works:—

"Proposed by Thomas Blaney, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 5759, dated 3rd instant, the Corporation hereby approve and sanction the following agreement being entered into with Messrs. Walsh, Lovett, Mitchell & Co., Contractors for Tansa Water Works Duct.

"That, in view of the Works being so far duly completed by them to the satisfaction of the Engineer as to be fully available for delivering the Tansa water into the Vehar Lake by 1st March 1892, and on condition that they be so completed but not otherwise, the following modifications and alterations of the terms embodied in the existing contract shall take effect :—

"1. The penalty clause to be waived.

"2. The provisions as to bonus applicable to tunnels under clause 17*a* of the existing contract shall, in so far as completion of tunnels prior to 1st January 1891 is concerned, be abrogated, and in lieu thereof shall be made applicable (*mutatis mutandis*) to completion of the whole works to the extent aforesaid for any complete month or months prior to 1st March 1892.

"3. In respect of work remaining to be done on 1st November 1889.—If and as long as the Contractors carry on the works in conformity with such scale of progress as the Engineer shall prescribe as necessary to attain such completion, they shall monthly, as the work proceeds, be paid extra rates upon the items and according to the particulars noted below, *viz.* :—

Description of Work.	Present contract rate.		Extra rate in addition to present contract rate.	
	Rate.	Per	Rate.	Per
	Rs. a. p.		Rs. a. p.	
Excavation for conduit got with blasting	4 12 0	100 c. ft.	2 4 0	100 c. ft.
Uncoursed masonry in conduit ...	27 6 0	"	3 10 0	"
Cement pointing...	6 8 0	"	2 8 0	"
Concrete	19 12 0	"	4 4 0	"
Cement plaster	8 0 0	100 s. ft.	2 0 0	100 s. ft.

"4. In respect of work executed prior to 1st November 1889—

The extra rates provided for by the last preceding clause shall be made retrospective, and the sum representing such extra rates as applied to this work shall become payable and be paid immediately after such due completion; provided, however, that an advance on account thereof to the extent of Rs. 1,20,000 may be made to the Contractors upon the security of their entire plant, by mortgage or otherwise as the Solicitors to the Corporation may advise, and to be recoverable from such security in case of non-completion as aforesaid by 1st March 1892.

"That, save as aforesaid, the provisions of the existing contract remain in full force."

The motion was seconded by Colonel G. L. C. Merewether.

Amendment, proposed by Manekshah J. Taleyarkhan, Esq., seconded by Pherozesha M. Mehta, Esq.—

"That the proposition be referred back to the Standing Committee with a request that they should state the increase in the total cost which would

No. 6007.

be occasioned by the increased rates and also the reasons for the recommendation they have made."

On a division, the votes were : *for* the amendment 17, *against* 7. The amendment was carried as a substantive motion by 20 votes *against* 5.

A poll was demanded by Colonel Merewether, Mr. Duxbury, Captain Walshe and Mr. Rahimtula Khairaz.

The President appointed Colonel Merewether as Teller for the votes *in favour* of Mr. Taleyarkhan's proposition and Mr. Pherozeshah M. Mehta, Teller for the votes *against* the same.

The President declared that the result of the poll was as follows :—

For Mr. Manekshah J. Taleyarkhan's amendment... 16
Against ditto ditto ... 5

Division List of Councillors voting for proposition moved by Mr. Manekshah J. Taleyarkhan.

BHALCHANDRA KRISHNA BHATAWADEKAR; BYRAMJEE NUSSERWANJEE SERVAI; COWASJEE HORMUSJEE; DARASHA R. CHICHGAR; DINSHAW EDULJI WACHA; EKNATH RAGHUNATH KHOTE; FAZALBHAI JUMABHAI LALJI; JAVERILAL UMIASHANKAR YAJNIK; JAYA KARADI LINGU; LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI; NAOROJI BEIRAMJI SUNTOOK; NARAYEN GANESH CHANDAVARKAR; PHEROZESHAH MEHTA; SHIVAJI DHURMAJI; ACCACIO GABRIEL VIEGAS: 16 Votes.

Ditto against the proposition.

THOMAS BLANEY; J. R. DUXBURY; G. L. C. MEREWETHER; RAHIMTULA KHAIRAZ; W. P. WALSHE: 5 Votes.

The President then adjourned the proceedings of this meeting to Monday, 13th instant, at 3-30 P.M.

BOMBAY, 10*th January* 1890.

AT the adjourned Ordinary Meeting of the Corporation (originally called for the 9th instant, and adjourned from that day), held this day for the consideration of the Budget Estimates for the year 1890-91, there were present :—

GRATTAN GEARY, Esq., *President.*

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MANEKSHAH J. TALEYARKHAN, Esq., B.A., LL.B.; COLONEL G. L. C. MEREWETHER, R. E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZESHAH MERWANJEE MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C. I. E., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The Chairman of the Standing Committee (Thomas Blaney, Esq.) asked for the opinion of the meeting as to

whether the consideration of the Schedule of Appointments, framed under Section 79 of the Municipal Act, should be first proceeded with, or whether the income side of the Budget Estimates should be taken as usual.

After discussion, it was decided that the income side of the Budget Estimates should be first proceeded with.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6008. "That the estimates of income for the year 1890-91 be considered before the estimates of expenditure for the same period."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6009. "That the estimated opening cash balance of Rs. 5,00,000 for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6010. "That the Corporation hereby determine, subject to the limitations and conditions prescribed in Chapter VIII. of the City of Bombay Municipal Act, 1888, that the general tax leviable on buildings and lands under section 140 of the said Act shall be levied for the year 1890-91, at the rate of 8 per centum of the rateable value of such buildings and lands respectively, and that the tax leviable under the aforesaid section for the entertainment of the Fire Brigade and the protection of life and property in the case of fire shall be levied for the year 1890-91 at the rate of $\frac{3}{4}$ per centum of the rateable value of such buildings and lands respectively.

"That the Budget Estimate of the general tax at $8\frac{3}{4}$ per cent., including contribution of Rs. 50,000 from Government and Rs. 1,73,177 from the Port Trust for the year, be adopted at Rs. 17,26,600."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6011. "That the Corporation hereby determine, subject to the limitations and conditions prescribed in Chapter VIII. of the City of Bombay Municipal Act, 1888, that the tax leviable on vehicles and animals under section 180 of the said Act shall be levied for the year

1890-91 at the maximum rates allowed by the Act, namely :—

	Per quarter. Rs. a. p.
Each four-wheeled vehicle drawn or impelled by horses, ponies, mules, donkeys, bullocks or machinery.....	5 0 0
Each two-wheeled vehicle, drawn or impelled by horses, ponies, mules, donkeys, bullocks or machinery	3 0 0
Each vehicle drawn or impelled otherwise than by horses, ponies, mules, donkeys, bullocks, or machinery	2 0 0
Each horse, pony, or mule of a height of 12 hands or upwards.	6 0 0
Each horse, pony, or mule of a height of less than 12 hands.	2 0 0
Each bullock or buffalo kept for draft or pack purposes.....	1 0 0
Each donkey kept for draft or pack purposes, or for riding .	1 0 0

and that the toll leviable on vehicles entering the city of Bombay from Salsette shall be levied for the year 1890-91, under the terms of section 190 of the said Act, at the rate of 2 annas for each vehicle on every occasion that any vehicle liable thereto enters the city from Salsette.

"That the Budget Estimate of Rs. 3,25,700 in respect of the aggregate receipts for the year from the Tax and Toll aforesaid be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Corporation hereby determine, subject to the limitations and conditions prescribed in Chapter VIII. of the City of Bombay Municipal Act, 1888, that the Town Duties leviable on articles under section 192 of the said Act shall be levied for the year 1890-91, as under :—

No. 6012.

	Rs. a. p.
Grain of all sorts per candy	0 2 0
Flour of all sorts, 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared.	
Wines and Spirits, per imperial gallon.....	0 4 0
Beer, per imperial gallon	0 0 6
Sugar, Molasses, and Gur, per cwt.	0 8 0
Ghee, per Bombay maund.....	0 8 0
Timber, excluding Railway sleepers, 2½ per cent. on market value.	
Firewood, per candy	0 2 0

"That the Budget Estimate of Rs. 8,07,000, in respect of receipts from the Town Duties for the year, be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate of Rs. 59,250, in respect of revenue from the issue of Licenses for the year 1890-91, as detailed below, be adopted :—

No. 6013.

	Rs.
Dangerous and offensive Trades	34,600
Streets and Buildings	2,600 (1)
Land Conveyance, Music, &c.	22,050 (2)
	59,250"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Darashah R. Chichgar, Esq.—

"That the Budget Estimate of Rs. 1,43,750 (amount entered in section 63 of the Abkari Act V. of 1878) in respect of revenue in lieu of the money formerly received for Liquor Licenses, Fees, &c., for the year 1890-91 be adopted."

Shortly before 5 o'clock, Mr. Manekji B. Dadabhai drew the President's attention to the fact that there was not a quorum of members remaining to constitute a meeting.

The President then adjourned the meeting until 3 P.M., on Monday, the 13th instant.

(1) For Licenses to Plumbers and Surveyors.

(2)

Land Conveyance Licenses	Rs. 10,000
Music Licenses	„ 9,608
Sundry do.	„ 2,442
	22,050

BOMBAY, 13*th January* 1890.

AT an adjourned Ordinary Meeting of the Corporation, (originally called for on the 9th instant, and adjourned from 10th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; REGINALD GILBERT, Esq.; HASAMBHAI VISRAM, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; COLONEL G. L. C.

MEREWETHER, R. E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; NAROTUMDAS GOVARDHANDAS, Esq.; PURSHOTUMDAS MUNGULDAS NATHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHUBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The signing of the minutes of the adjourned special and ordinary Meetings held on the 10th instant, was postponed.

Considered the following motion proposed on the 10th instant, by Thomas Blaney, Esq., seconded by Darasha R. Chichgar, Esq.—

No. 6087. "That the Budget Estimate of Rs. 1,43,750 (amount entered in Section 63 of the Abkari Act V. of 1878), in respect of revenue in lieu of the money formerly received for Liquor Licenses, Fees, &c., for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6088. "That the Budget Estimate of Rs. 1,65,300 in respect of net revenue from Tobacco Duty and Licenses for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

No. 6089. "That the Corporation hereby determine that, subject to the limitations and conditions prescribed in Chapter VIII. of the City of Bombay Municipal Act, 1888, the Halalkhor Tax leviable on buildings and lands under Section 140 of the said Act, shall be levied for the year 1890-91 at the rate of 3 per centum of the rateable value of such buildings and lands respectively.

"That the Budget Estimate of Rs. 5,11,600 in respect of receipts for the year from the tax aforesaid be adopted."

The President referred to the fact that there is something like an organized movement against the levy of the halalkhor cess in respect of buildings where no halalkhor service is required or supplied. Perhaps, therefore, the Commissioner would state the principle upon which the cess is levied.

The Commissioner explained that, to the best of his knowledge, the cess is levied in accordance with the terms of the Municipal Act and with legal opinion obtained on the point. If cases of hardship arose, endeavours would be made to alleviate them as far as practicable. Any statement which he might now make beyond that would be premature, as an inquiry was still pending with regard to certain papers bearing on this subject.

The motion was then *carried.*

Proposed by Thomas Blaney, Esq., seconded by Framjee D. Divecha, Esq.—

No. 6090. "That the Corporation hereby determine that, subject to the limitations and conditions prescribed in Chapter VIII of the City of Bombay Municipal Act, 1888, the Water Tax leviable on buildings and lands under Section 140 of the said Act, shall be levied for the year 1890-91 at the rate of 4 per centum of the rateable value of such buildings and lands respectively.

"That the Budget Estimate of Rs. 10,81,100 in respect of revenue for the year from Water be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6091. "That the Budget Estimate of Rs. 3,38,000 in respect of revenue from Market Receipts for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6092. "That the Budget Estimate of Rs. 7,000 in respect of revenue from Public Gardens for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6093. "That the Budget Estimate of Rs. 36,200 in respect of revenue from Tramway Rent for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate of Rs. 8,000 in respect of revenue from Miscellaneous Fines for the year 1890-91 be adopted."

No. 6094.

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate of Rs. 78,600 in respect of revenue from Miscellaneous Receipts for the year 1890-91, as detailed below, be adopted:—

No. 6095.

	Rs.
Rent of Dhobiwada and Shops	16,500
„ Milch Cattle Stables	13,026
„ Lands, Tanks, &c.	25,000
„ Police and Fire Brigade Quarters	13,600
Sundry Receipts	10,474
Rupees...	78,600"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Budget Estimate of Rs. 45,700 in respect of revenue from Miscellaneous Fees for the year 1890-91, as detailed below, be adopted:—

No. 6096.

	Rs.	Rs.
Health Department Fees—		
Removing and Skinning Dead Animals	13,000	
Grave digging	4,000	
		17,000
Engineer's Department—		
Building Fees (Galleries, Rewas, Scaffolding and Weather Frames)	15,000	
Opening roads and footpaths for cleaning drains and laying water pipes	5,500	
Occupying public roads	3,000	
Sundry Fees	200	
		23,700
Assessment and Collection Department—		
Notice, Warrant, Bataki and Sundry Fees		5,000
	Rs.	45,700"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6097. "That the Budget Estimate of Rs. 4,000 in respect of revenue from Miscellaneous Savings for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Manekji B. Dadabhai, Esq.—

No. 6098. "That the Budget Estimate of Rs. 13,500 in respect of revenue from the contribution from Municipal Servants towards the Municipal Retiring or Pension Fund for the year 1890-91 be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6099. "That the Budget Estimate of Rs. 1,40,000 in respect of receipts from work done in the Municipal Workshops for the year 1890-91 be adopted."

Carried (with one dissentient).

Proposed by Thomas Blaney, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

No. 6100. "That the Budget Estimate of Rs. 56,000 in respect of receipts from investments for the year 1890-91, as detailed below, be adopted :—

	Rs.
Interest on the Municipal Building Fund Investments...	8,000
Do. on Loan and Reserve Fund Investments ...	36,000
Do. on Sinking and Insurance Funds	12,000
	Rs. 56,000"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6101. "That the Budget Estimate of Rs. 55,47,300 in respect of total revenue for the year 1890-91 and that of Rs. 60,47,300, including the opening cash balance of Rs. 5,00,000 for the year, be adopted."

Carried.

At the conclusion of the consideration of the Income side of the Budget Estimates, it was decided to postpone the discussion of the Expenditure side of the Estimates until after the consideration of the new Schedule and of the proposed increases of certain existing appointments.

Proposed by Thomas Blaney, Esq., seconded by Rastamji N. Khory, Esq.—

"That the Schedule of Appointments prepared by the Commissioner under Section 79 of the Municipal Act, together with the list of existing appointments, the pay of which it is proposed to increase, be now considered, each appointment being considered separately."

The following *amendment* was proposed by Javerilal U. Yajnik, Esq., in accordance with notice of motion :—

"That a Committee of the Corporation, consisting of the following Councillors be appointed to consider and report upon the list of the new offices exceeding Rs. 200 per mensem, proposed to be created as per Schedule prepared under Section 79 of the Municipal Act, which require the sanction of the Corporation, and such other offices below Rs. 200 per mensem as are estimated for under the heads of different Departments in the Budget of the Standing Committee for 1890-91, and that the Committee be requested to make their report within a fortnight :—Messrs. E. B. Carroll, P. M. Mehta, Khan Bahadur M. C. Murzban,* Bhalchandra K. Bhatawadekar, Dinshaw E. Wacha, J. R. Duxbury, the Hon'ble Mr. R. M. Sayani and Rao Saheb V. J. Kirtikar."

The motion was seconded by Bhalchandra K. Bhatawadekar, Esq.

Dr. Khory raised the point of order that it is not competent to the Corporation to consider and decide the question of the appointment of persons drawing less than Rs. 200 per mensem.

The President ruled that it was competent to any Councillor to move an amendment to the original motion, but that it was not competent to a Councillor to move that the Corporation be asked to proceed to do that which it was not authorised to do, and which on the contrary, under the Municipal Act, the Standing Committee and the Commissioner were required to do, namely, to make all appointments of Rs. 200 per mensem and under.

The words "and such other offices below Rs. 200 per mensem" were struck out of the *amendment*.

Rider proposed by Narayan G. Chandavarkar, Esq.—

"That the Budget Estimates provide for the new appointments contained in the Schedule as well as the proposed

* Khan Bahadur Muncherji C. Murzban requested that his name might be withdrawn owing to pressure of work.

increases in existing salaries ; but that no expenditure on account of the new appointments or of such increases be made until the report of the Committee has been received and disposed of by the Corporation."

The rider was accepted as also a proposal made by Mr. Chandavarkar for extending the period for the presentation of the Committee's report to two months.

The names of Dr. Khory and Mr. Javerilal U. Yajnik were added to the Committee.

The *amendment*, as thus modified, was put to the vote as follows :—

No. 6102.

" That a Committee of the Corporation, consisting of the following Councillors be appointed to consider and report upon the list of the new offices exceeding Rs. 200 per mensem, proposed to be created as per Schedule prepared under Section 79 of the Municipal Act, which require the sanction of the Corporation, and the proposed increases of existing appointments as estimated for under the heads of different Departments in the Budget of the Standing Committee for 1890-91, and that the Committee be requested to make their report within two months.

" That the Budget Estimates provide for the new appointments contained in the Schedule as well as the proposed increases in existing salaries above Rs. 200 per mensem ; but that no expenditure on account of the new appointments or of such increases be made until the report of the Committee has been received and disposed of by the Corporation."

COMMITTEE.—MR. E. B. CARROLL ; MR. PHEROZESHAH M. MEHTA ; MR. BHALCHANDRA K. BHATAVADEKAR ; MR. DINSHAW E. WACHA ; MR. J. R. DUXBURY ; THE HON'BLE. MR. RAHIMTULA M. SAYANI ; RAO SAHEB VASUDEV J. KIRTIKAR ; DR. KHORY ; AND MR. JAVERILAL U. YAJNIK.

On a division, the *amendment* was *carried* as a substantive proposition by 17 votes *against* 7.

The President then adjourned the Meeting until 3 P.M., on Thursday, 16th instant.

BOMBAY, 13*th January* 1890.

As the business of the above Meeting lasted till 5-5 o'clock, the business of the adjourned Special Meeting called for this day was not proceeded with. The President fixed Thursday, 16th instant, at 3-30 P.M., for the adjourned meeting.

BOMBAY, 16*th January* 1890.

AT the adjourned Ordinary Meeting of the Corporation (originally called for the 9th instant, and adjourned from 13th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGUR, Esq.; DINSHAW EDULJI VACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZULBHOY VISRAM, Esq.; HASAMBHAI VISRAM, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJEE KHARSEDJEE KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE, M.D.; MANEKJI BEHRAMJI DADABHOY, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJEE SUNTOOK, Esq.; PHEROZESHA MERWANJEE MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq; SHIVAJI DHURMAJI, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The signing of the minutes of the adjourned Ordinary Meeting held on the 13th instant, and the record of the adjourned Special Meeting called for that day, was postponed.

On the suggestion of Pherozesha M. Mehta, Esq., it was decided by the President that each section of each detailed statement be regarded as an item which might be voted on separately.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6154. "That the Budget Estimate of Rs. 51,508 in respect of expenditure for the year 1890-91, for the Corporation and Standing Committee's Establishment (as per Detailed Statement No. 3) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 6155. "That the Budget Estimate of Rs. 52,685 in respect of expenditure for the year 1890-91, for the Municipal Commissioner's Personal Office Establishment (as per Detailed Statement No. 4) be adopted; but that no expenditure on account of new appointments in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, or of proposed increases in

existing salaries above Rs. 200 per mensem, be made until the report of the Committee appointed by the Corporation on 13th instant has been received and disposed of."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6156. "That the Budget Estimate of Rs. 22,328 in respect of expenditure for the year 1890-91, for the General Office Establishment (as per Detailed Statement No. 5) be adopted."

Amendment, moved by Dinshaw E. Wacha, Esq., seconded by Bhalchandra K. Bhatwadekar, Esq.—

"That the consideration of the item of Rs. 18,000 for law charges be adjourned till the first meeting of the Corporation to be held not less than 3 days from this date."

On a division there were 5 votes *for* and 29 *against* the amendment.

The original motion was *carried* by 26 votes *against* 1.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6157. "That the Budget Estimate of Rs. 55,648 in respect of expenditure for the year 1890-91, for the Accounts and Expenditure, Audit Establishment (as per Detailed Statement No. 6) be adopted; but that no expenditure on account of new appointments in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, or of proposed increases in existing salaries above Rs. 200 per mensem, be made until the report of the Committee appointed by the Corporation on the 13th instant has been received and disposed of."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6158. "That the Budget Estimate of Rs. 2,17,166 in respect of expenditure for the year 1890-91, for the Assessment and Collection Department, including the cost of collecting Town Duties and Tobacco Duty, Tolls, License Fees, and also Revenue and Refund Audit Office Establishment (as per Detailed Statement No. 7) be adopted; but that no expenditure on account of new appointments in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, or of proposed increases in existing salaries above Rs. 200 per mensem,

be made until the report of the Committee appointed by the Corporation on the 13th instant has been received and disposed of."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6159. "That the Budget Estimate of Rs. 1,50,000 in respect of expenditure for the year 1890-91, for the Fire Brigade (as per Detailed Statement No. 8) be adopted; but that no expenditure on account of new appointments in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, or of proposed increases in existing salaries above Rs. 200 per mensem, be made until the report of the Committee appointed by the Corporation on the 13th instant has been received and disposed of."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 6160. "That the Budget Estimate of Rs. 58,861 in respect of expenditure for the year 1890-91, for the maintenance of Public Gardens (as per Detailed Statement No. 9) be adopted; but that no expenditure on account of new appointments in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, or of proposed increases in existing salaries above Rs. 200 per mensem, be made until the report of the Committee appointed by the Corporation on the 13th instant has been received and disposed of."

Carried.

On the motion of Dinsha E. Wacha, Esq., seconded by Jamshedji K. Kama, Esq., the consideration of Detailed Statements Nos. 10 and 11, Public Works (Engineer's), and Public Health Department, was deferred till the next meeting, and the President, with the consent of the meeting, gave priority to Detailed Statement No. 12, Public Loans effected by the Municipality.

Proposed by Thomas Blaney, Esq., seconded by J. R. Duxbury, Esq.—

No. 6161. "That the Budget Estimate of Rs. 16,21,853 in respect of expenditure for the year 1890-91, for the several public loans, sinking funds and interest thereon (as per Detailed Statement No. 12) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 6162. "That the Budget Estimate of Rs. 30,000 in respect of expenditure for the year 1890-91, for Pensions and Gratuities and Compassionate Allowances (as per Detailed Statement No. 13) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Darasha R. Chichgar, Esq.—

No. 6163. "That the Budget Estimate of Rs. 2,58,289 in respect of proportion payable by the Municipality of the expenses of the Police for the year 1890-91 (as per Detailed Statement No. 2 and margin thereof) be adopted."

		Rs. 3,58,752
Less charges transferred to the Municipality—		
Queen's Statue Lighting	Rs. 1,120	
Maintenance	„ 343	
	Rs. 1,463	
Victoria and Albert Museum		
Establishment	Rs. 8,587	
Maintenance	„ 413	
	9,000	
		10,463
		Rs. 3,48,289
Less—Government Contribution		„ 90,000
		Total..Rs. 2,58,289

Carried.

Proposed by Thomas Blaney, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 6164. "That the Budget Estimate of Rs. 63,754 in respect of expenditure for the year 1890-91, towards the cost of Education (as per Detailed Statement No. 2, and margin thereof) be adopted."

Primary Education	Rs.	31,374
Medical Female Scholarships	„	1,000
	Rs.	32,374
School for Deaf Mutes	„	1,800
	Rs.	34,174
Veterinary College	„	2,500
Victoria and Albert Museum	„	11,200
Technical College	„	10,000
Joint Schools Committee's Establishment	„	5,880
	Total Rs.	63,754

Carried.

Proposed by Thomas Blaney, Esq., seconded by Manekji B. Dadabhai, Esq.—

No. 6165. "That the Budget Estimate of Rs. 42,108 in respect of expenditure for the year 1890-91, for Hospitals (as per Detailed Statement No. 2 and margin thereof) be adopted."

Goculdass Tejpal Hospital	Rs.	36,000
Establishment for proposed Small-pox and Cholera Hospitals	„	3,108
Jaffar Sulliman Dispensary for Women and Children	„	3,000
	Total..Rs.	42,108

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6166. "That the Budget Estimate of Rs. 7,000 in respect of expenditure for the year 1890-91, for Discretional Contingencies (as per Detailed Statement No. 2) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6167. "That the Budget Estimate of Rs. 8,000 in respect of expenditure for Auditors' allowance (as per Detailed Statement No. 2) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6168. "That the Budget Estimate of Rs. 16,800 in respect of expenditure for the year 1890-91, for rent of Municipal Office (as per Detailed Statement No. 2) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Manekji B. Dadabhai, Esq.—

No. 6169. "That the Budget Estimate of Rs. 500 in respect of expenditure for the year 1890-91, for Election expenses (as per Detailed Statement No. 2) be adopted."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6170. "That the Budget Estimate of Rs. 3,000 in respect of expenditure for the year 1890-91 for Municipal Buildings' Fire Insurance Fund (as per Detailed Statement No. 2) be adopted."

Carried.

Shortly before 5 o'clock the meeting separated, and the President adjourned the meeting to 3 P.M., on Thursday, the 23rd instant.

BOMBAY, 16*th January* 1890.

The business of the adjourned Special Meeting called for this day was not proceeded with, as the business of the above meeting lasted till 5 P.M. The President fixed Thursday, the 23rd instant, at 3-5 P.M., for this adjourned meeting.

BOMBAY, *23rd January* 1890.

AT the adjourned ordinary meeting of the Corporation (originally called for the 9th instant, for the consideration of Budget Estimates, &c., and adjourned from the 16th idem) held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., LL.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; FAZALBHAI JUMABHAI LALJEE, Esq.; FAZULBHOY VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; MANEKJI BEHRAMJI DADABHAI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; RAHIMTULA KHAIRAZ, Esq.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., LL.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; the HEALTH OFFICER; the DEPUTY EXECUTIVE ENGINEER (Drainage); the ASSISTANT HEALTH OFFICER; and the SECRETARY.

The minutes of the adjourned monthly and ordinary meetings held on the 9th instant, adjourned special and adjourned ordinary meetings held on the 10th, and the adjourned ordinary meeting held on the 13th, and the records of the special and adjourned special meetings called for the 9th and 13th idem, were signed.

On the proposal of Thomas Blaney, Esq., the consideration of the Budget Estimate of the Public Works (Engineer's) Department (detailed statement No. 10) for the year 1890-91, was proceeded with.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormasjee, Esq.—

"That the Budget Estimate of Rs. 16,87,426 in respect of expenditure for the year 1890-91 for the Public Works (Engineer's) Department, including general supervision and miscellaneous duties, drainage, water works, streets and buildings and special provision for cleaning, lighting and repairing Port Trust wharf roads (as per detailed statement No. 10) be

No. 6217.

adopted, but that no expenditure on account of new appointments in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, or of proposed increases in existing salaries above Rs. 200 per mensem be made, until the report of the Committee appointed by the Corporation on 13th instant has been received and disposed of."

Carried with one dissentient.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6218. "That the Budget Estimate of Rs. 13,73,268 in respect of expenditure for the year 1890-91 for the Public Health Department, including supervision, conservancy, markets and slaughter houses, registration of births and deaths, cemeteries, laboratory, Mahalakshmi dhobi lines, infectious diseases, milch cattle stables, tank conservancy and vaccination (as per detailed statement No. 11) be adopted, but that no expenditure on account of new appointments in the schedule prepared by the Commissioner, under Section 79 of the Municipal Act or of proposed increases in existing salaries above Rs. 200 per mensem be made, until the report of the Committee appointed by the Corporation on 13th instant has been received and disposed of."

Carried nem con.

Proposed by Thomas Blaney, Esq., seconded by Muncherjee N. Banajee, Esq.—

No. 6219. "That the Budget Estimate of Rs. 57,20,194 in respect of expenditure for the year 1890-91 exclusive of new works, building fund and sinking Fund Reserve, be adopted, subject to the further sanction of the Corporation to expenditure on account of new appointments entered in the schedule, and the increases of existing salaries over Rs. 200, as shown in the list, forwarded by the Chairman, Standing Committee, in his letter to the President, No. 5436, dated 18th December 1889."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Manekji B. Dadabhai, Esq.—

No. 6220. "That the Budget Estimate of Rs. 2,00,000 in respect of expenditure for special repairs and renewals and new works for the year 1890-91 (as per

detailed statement No. 14) be adopted as under :—Special repairs, Rs. 1,00,505; New works, Rs. 99,495—total Rs. 2,00,000. The amount to be debited to current revenue."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6221. "That the Budget Estimate of Rs. 65,500 (as per detailed statement No. 14) in respect of expenditure for rebuilding eastern wall of Bhandarwada Reservoir be adopted. The charge to be debited to the grant for special repairs and renewals."

Carried.

Proposed by Thomas Blaney, Esq., seconded by E. B. Carroll, Esq.—

No. 6222. "That the Budget Estimate of Rs. 16,000 (as per detailed statement No. 14) in respect of expenditure for special repairs to machinery, Love Grove Pumping Station, Warli, be adopted. The charge to be debited to the grant for special repairs and renewals."

Carried.

Proposed by Thomas Blaney, Esq., seconded by E. B. Carroll, Esq.—

No. 6223. "That the Budget Estimate of Rs. 11,000 (as per detailed statement No. 14) in respect of expenditure for providing patent concrete floor for one filter bed at Bhandarwada Reservoir be adopted. The charge to be debited to the grants for special repairs and renewals."

*Carried.**

Proposed by Thomas Blaney, Esq., seconded by Colonel G. L. C. Merewether—

No. 6224. "That the Budget Estimate of Rs. 4,005 (as per detailed statement No. 14) in respect of expenditure for alteration of arch over Bhuleshwar storm-water drain be adopted. The charge to be debited to the grant for special repairs and renewals."

Carried.

* At this stage, on the proposal of Cowasjee Hormusjee, Esq., the meeting temporarily adjourned in order to consider item No. 10 on the agenda paper of the adjourned special meeting regarding purchase of land for the Victoria Gardens.

Proposed by Thomas Blaney, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

No. 6225. "That the Budget Estimate of Rs. 4,000 (as per detailed statement No. 14) in respect of expenditure for special repairs and alteration to the Victoria Garden roads be adopted. The charge to be debited to the grant for special repairs and renewals."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

No. 6226. "That the Budget Estimate of Rs. 10,000 (as per detailed statement No. 14) in respect of expenditure for raising level of the compound of Hospital for contagious diseases at Arthur Road be adopted. The charge to be debited to the grant for new works."

Carried.

Proposed by Thomas Blaney, Esq., seconded by J. R. Duxbury, Esq.—

No. 6227. "That the Budget Estimate of Rs. 1,278 (as per detailed statement No. 14) in respect of expenditure for filling in Municipal ground near the church on Elphinstone Road be adopted. The charge to be debited to the grant for new works."

Carried.

Proposed by Thomas Blaney, Esq., seconded by J. R. Duxbury, Esq.—

No. 6228. "That the Budget Estimate of Rs. 1,323 (as per detailed statement No. 14) in respect of expenditure for fencing both sides of Tank Bandar Road with wooden posts and wrought-iron pipe rails be adopted. The charge to be debited to the grant for new works."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Vandrawandas Purshotamdas, Esq.—

No. 6229. "That the Budget Estimate of Rs. 9,294 (as per detailed statement No. 14) in respect of expenditure for a tank and hoses for the Arthur Crawford Markets to be used in case of fire be adopted. The charge to be debited to the grant for new works.

"That this grant is sanctioned, subject to report being made to the Standing Committee, by the Commissioner, that the tank is absolutely necessary."

Carried.

On the suggestion of Mr. G. W. Roughton, it was agreed that the remaining items Nos. 5 to 30 in detailed statement No. 14, new works, be considered together, and that questions or amendments relating to any particular item or items be discussed, or voted on, as the case might be, item by item.

Proposed by Thomas Blaney, Esq., seconded by G. W. Roughton, Esq.—

"That the Budget Estimate of Rs. 385 in respect of
No. 6230. expenditure for windows to the Arthur Crawford Market godowns be adopted.

"That the Budget Estimate of Rs. 3,844 in respect of expenditure for arrangements for flushing Parel and Bellasis Road storm-water drain from Babula Tank and Nagpada Tank be adopted.

"That the Budget Estimate of Rs. 3,424 in respect of expenditure for constructing storm-water drain and water entrances at the junction of Tardeo Road and Forjett Road be adopted.

"That the Budget Estimate of Rs. 4,684 in respect of expenditure for water entrances at end of Khetwadi Back Road near the Golpitha; Bapty Road; G. I. P. Railway drain from low part of Nowroji Hill; north of Elphinstone Bridge; Mayo Road; near P. & O. Co.'s Office, Rampart Row and Hornby Road near English Hotel; water entrances and slab drain in Thakurdwar Road and Queen's Road; overflow with flap trap from old drain at south-east end of Bellasis Junction Road; relieving drain from Tardeo Road end of Gamdevi Road near Mr. N. M. Petit's bungalow; filling up the Aitken low level sewer for short lengths near Bellasis Bridge and Clerk Road; storm-water openings into Kavasji Patel Tank; and water entrances and new drain at junction of Foras Road and Gilder Street be adopted.

"That the Budget Estimate of Rs. 5,000 in respect of expenditure for Miscellaneous Drainage Works be adopted.

"That the Budget Estimate of Rs. 3,482 in respect of expenditure for penstocks and masonry at the entrance of

the Agripada drain into the open main drain and into the Ripon Road sewer be adopted.

"That the Budget Estimate of Rs. 5,759 in respect of expenditure for public latrines and urinals be adopted.

"That the Budget Estimate of Rs. 1,305 in respect of expenditure for addition to latrines in the Municipal Workshops stores yard be adopted.

"That the Budget Estimate of Rs. 1,617 in respect of expenditure for two chamber latrine near new Pumping Station at Love Grove be adopted.

"That the Budget Estimate of Rs. 7,547 in respect of expenditure for pipe sewer and flushing chamber, Carroll Road, be adopted.

"That the Budget Estimate of Rs. 2,500 in respect of expenditure for bas-relief for tympanum at the Arthur Crawford Markets be adopted.

"That the Budget Estimate of Rs. 12,000 in respect of expenditure for provision of telephonic communication with Vehar Water Works be adopted.

"That the Budget Estimate of Rs. 604 in respect of expenditure for privy accommodation for staff at Bori Bunder Stables be adopted.

"That the Budget Estimate of Rs. 525 in respect of expenditure for partition screen and sun-shades for the offices at Bori Bunder Stables be adopted.

"That the Budget Estimate of Rs. 519 in respect of expenditure for the construction of compound wall and gate to the Hospital at Grant Road be adopted.

"That the Budget Estimate of Rs. 500 in respect of expenditure for hand-carts for the removal of dead animals, including dogs, calves, &c., which are now carried by men through the streets to the Carcass Depôt on the flats be adopted.

"That the Budget Estimate of Rs. 504 in respect of expenditure for boards for urinals with Marathi and Gujarathi inscriptions be adopted.

"That the Budget Estimate of Rs. 597 in respect of expenditure for masonry side drain in Belvidere Road be adopted.

"That the Budget Estimate of Rs. 480 in respect of expenditure for four chamber urinals at corners of Khoja Street and Grant Road be adopted.

"That the Budget Estimate of Rs. 720 in respect of

expenditure for three two chamber new pattern urinals on Musjid Bridge Road (south side) between Argyll Road and Frere Road be adopted.

"That the Budget Estimate of Rs. 3,919 in respect of expenditure for latrine at Bandora Slaughter Houses, eleven chambers on the pail system with a cart be adopted.

"That the Budget Estimate of Rs. 1,536 in respect of expenditure for rubble masonry wall to be erected between the Municipal chawl and the Native Infantry Lines at Bori Bunder be adopted.

"That the Budget Estimate of Rs. 149 in respect of expenditure for connecting drain of stand pipe opposite the Fort Market be adopted.

"That the Budget Estimate of Rs. 5,000 in respect of expenditure for raising low land at the Victoria Gardens be adopted.

"That the Budget Estimate of Rs. 6,000 in respect of expenditure for wall and fencing land at the Victoria Gardens be adopted.

"That the Budget Estimate of Rs. 5,000 in respect of expenditure for quarters for the Victoria Gardens staff and keepers, Zoological Collection, be adopted.

"That these charges be debited to the grant for new works as per detailed statement No. 14."

In reference to this Resolution, some questions were asked and replied to, and the motion was *carried* unanimously.

Proposed by Thomas Blaney, Esq., seconded by G. W. Roughton, Esq :—

No. 6231. "That the Budget Estimate of Rs. 20,000 in respect of expenditure for the year 1890-91 for Reserve Fund (as per detailed statement No. 2 and margin thereof) be adopted."

Municipal Building Fund	Rs.	8,000
Sinking Fund	"	11,850
Municipal Buildings' Fire Insurance Fund	"	150
Total	Rs.	20,000

Carried.

Proposed by Thomas Blaney, Esq., seconded by G. W. Roughton, Esq.—

No. 6232. "That the Budget Estimate of Rs. 59,40,194 in respect of total expenditure for the year 1890-91, including grant for new works chargeable

to Revenue and Municipal Building Fund and Sinking Fund Reserve be adopted, subject to the further sanction of the Corporation to expenditure on account of new appointments entered in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, and the increases of existing salaries above Rs. 200 per mensem, as shown on the list forwarded by the Chairman of the Standing Committee, under his letter to the President, No. 5436, dated 18th December 1889."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khairaz, Esq.—

No. 6233. "That the Budget Estimate of Rs. 60,47,300 in respect of expenditure for the year 1890-91, including the closing balance of Rs. 1,07,106 be adopted, subject to the sanction of the Corporation to expenditure on account of new appointments entered in the schedule prepared by the Commissioner under Section 79 of the Municipal Act, and increases of existing salaries above Rs. 200 per mensem, as shown in the list forwarded by the Chairman, Standing Committee, in his letter to the President, No. 5436 of 18th December 1889."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Vandrawandas Purshotumdas, Esq.—

No. 6234. "That the Budget Estimate of the anticipated balance of Rs. 21,42,320-10-1 *less* Rs. 6,60,985-9-3 advanced, or to be advanced, in respect of Loan Works and Loan Works Establishment Fund, (as per statement No. 15) be adopted as under:—

				Rs.	a.	p.	Rs.	a.	p.
Anticipated balances on 1st April 1890—									
44 Lakhs Sanitary Works Loan				4,05,797	15	10			
Loan of 12 lakhs for Queen's Road Sewerage, &c.				4,94,152	13	1			
Tansa Water Works Loan—97 Lakhs (17+30+25+25)				9,58,513	11	10			
Loan Works Establishment Fund				33,856	1	4			
House Sullage Water Connections, Agripada				2,50,000	0	0			
				21,42,320	10	1			
Less—									
Amounts advanced or to be advanced for the following works up to 1889-90, pending the raising of the necessary Loans :—									
Purchase of Land on the Flats			Rs.	2,00,000	0	0			
Roads and Streets in Agripada, Matunga, &c.			„	53,360	0	2			
Bhuleshwar Market Extension			„	2,22,625	9	1			
Works at the Malabar Hill Reservoir			„	50,000	0	0			
Pawai Water Works Scheme			„	1,35,000	0	0			
				6,60,985	9	3			
							14,81,335	0	10

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khairaz, Esq.—

"That the Budget Estimate of Rs. 51,00,000 in respect of receipts from loans to be raised in the year 1890-91 (as per statement No. 15), be adopted as under:—

No. 6235.

To be raised in 1890-91—

Loan for	Tansa Water Works Loan			Rs. a. p.	Rs. a. p.
	Bhuleshwar Market Extension	Rs.	4,00,000	25,00,000 0 0	
	Purchase of land on the Flats for the disposal of Town Sweepings	"	2,00,000		
	Roads and Streets in Agripada and elsewhere	"	10,00,000		
	Works at the Malabar Hill Reservoir	"	1,00,000		
		Rs.	17,00,000		
	Pawai Water Works Scheme	Rs.	6,50,000		
	Additional Water Mains	Rs.	1,00,000		
	Sewer Flushing arrangements	"	14,000		
	Health Department Bullock Stables and Quarters for Scavengers	Rs.	1,50,000		
	Chawl for Halalkhors in Cursetji Sookaji Street	Rs.	80,000		
		Rs.	2,36,000		
		Rs.	3,50,000		
		Rs.	9,00,000		
				26,00,000 0 0	
					51,00,000 0 0"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Naoroji B. Suntook, Esq.—

"That the Budget Estimate of Rs. 2,04,569-2-7 in respect of expenditure on account of works to be paid for during the year 1890-91, from the 44 lakhs Sanitary Works Loan, including cost of establishment (as per statement No. 15) be adopted as under :—

No. 6236.

EXPENDITURE.	Establishment.	Works.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
First Drainage Section—House Sullage Connections without Privy fittings	22,200 0 0	1,80,000 0 0	2,02,200 0 0
Ovoid Sewer, Argyll Road... ...	.....	2,369 2 7	2,369 2 7
	22,200 0 0	1,82,369 2 7	2,04,569 2 7"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Vandrawandas Purshotumdas, Esq.—

"That the Budget Estimate of Rs. 4,94,152 in respect of expenditure on account of works to be paid for during the year 1890-91, from the 12 lakhs

No. 6237.

loan for Queen's Road sewerage and Frere Road main, including cost of Establishment (as per statement No. 15) be adopted as under :—

	Establishment.	Works.	Total.
	Rs.	Rs.	Rs.
Queen's Road House Sullage Connections	29,640	4,64,512	4,94,152"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khairaz, Esq.—

6238. "That the Budget Estimate of Rs. 28,08,000 in respect of expenditure on account of works to be paid for during the year 1890-91, from the Tansa Loan, including cost of Establishment (as per statement No. 15) be adopted as under:—

	Establishment.	Works.	Total.
	Rs.	Rs.	Rs.
Tansa Works	86,000	27,22,000	28,08,000"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Vandrawandas Purshotumdas, Esq.—

No. 6239. "That the Budget Estimate of Rs. 2,10,800 in respect of expenditure on account of works to be paid for during the year 1890-91, from the loan of 1889-90, for house sullage connections at Agripada, including cost of Establishment (as per statement No. 15) be adopted as under :—

	Establishment.	Works.	Total.
	Rs.	Rs.	Rs.
House Sullage Connections, Agripada ...	10,800	2,00,000	2,10,800"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Vandrawandas Purshotumdas, Esq.—

"That the Budget Estimate of Rs. 13,42,255 in respect of expenditure on account of works to be paid for during the year 1890-91, from the loan of 26 lakhs to be raised in that year, including cost of Establishment (as per statement No. 15) be adopted as under :—

No. 6240.

	Establishment.	Works.	Total.
	Rs.	Rs.	Rs.
Bhuleshwar Market Extension	2,280	1,57,375	1,59,655
Roads and Street in Agripada and elsewhere	6,600	4,00,000	4,06,600
Works at the Malabar Hill Reservoir ...	1,770	48,230	50,000
Pawal Water Works Scheme	6,772	4,13,228	4,20,000
Additional Water Mains	810	99,190	1,00,000
Sewer Flushing arrangements... ...	900	13,100	14,000
Health Department Bullocks Stables and Quarters for Scavengers	6,000	1,00,000	1,06,000
Chawl for Halalkhors in Cursetjee Sooklajee Street...	4,440	81,560	86,000
	29,572	13,12,683	13,42,255"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khairaz, Esq.—

"That the Budget Estimate of Rs. 2,940 in respect of expenditure on account of Audit Establishment to be employed during the year 1890-91, on the different loan works, excluding Tansa Works (as per statement No. 15) be adopted."

No. 6241.

Carried.

Shortly after 5 o'clock the meeting was adjourned until 3 P.M. on Thursday, the 30th instant.

BOMBAY, 23*rd January* 1890.

AT the adjourned special meeting of the Corporation (originally called for the 9th instant, and adjourned from the 16th idem) held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHÁLCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; COLONEL G. L. C. MERE-

WETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, ESQ.; NAOROJI BEIRAMJI SUNTOOK, ESQ.; G. W. ROUGHTON, ESQ.; VANDRAWUNDAS PURSHOTUMDAS, ESQ.; ACCACIO GABRIEL VIEGAS, ESQ., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, ESQ., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; the HEALTH OFFICER; and the SECRETARY.

On the proposal of Cowasjee Hormusjee, Esq., the President with the consent of the meeting gave priority to item No. 10 on the agenda paper of this meeting as follows :—

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 5577, dated 23rd December 1889, sanction be given to the purchase of plots of land to the north of and adjoining the Victoria Gardens, and containing, approximately, about 60,000 square yards at rates not exceeding Rs. 3 per yard for the improvement and extension of the Gardens. The surplus portion of the ground to be resold or otherwise disposed of to the best advantage of the Municipality, and the cost to be met by advances from available balances pending the submission of the estimate asked for by the Corporation (in their Resolution No. 1507, dated 17th June 1889), of the various proposed improvements and of the annual expenditure necessary for maintaining the Zoological Collection in the Gardens."

No. 6242.

Carried.

Priority was next given to item No. 4, regarding the recommendations of the Bombay Extension Committee.

Considered the following letter No. 1243 B., Public Works Department, dated 11th December last, to the President, as under :—

SIR,—Referring to your letter No. 2634, dated 3rd July 1888, to the address of the Secretary to Government, General Department, I am directed to forward copy of a Resolution by Government on the Report of the Extension Committee, and to invite your attention more especially to paras. 6 and 8 thereof.—I have, &c., W. C. HUGHES, Secretary to Government.

No. 489 C. W.—2066 OF 1889.

Public Works Department. Bombay Castle, 2nd December 1889.

Read again—

Government Resolution No. 658 C. W.—1851, dated 19th November 1887.

Government Resolution No. 659 C. W.—1852, dated 19th November 1887.

Memorandum from the Military Department, No. 821 Q. M. G., dated 16th December 1887.

Transfers a letter from the Quarter Master General, No. 2-33—4794, dated 7th December 1887, reporting, in accordance with para. 2 of Government Resolution, Military Department, No. 4389, dated 30th November 1887, that, after due consideration of the advantages of the pre-

posal to locate all the troops at Colaba, His Royal Highness the Commander-in-Chief has come to the conclusion that the recommendations of the Special Committee as exposed in page 7 and Appendix A of their report are sound, and that he is in favour of their adoption; observing that the proposals will, however, have to be worked out in detail, and that it should not be lost sight of, that hospital accommodation will have to be provided for two regiments, and that the best site will be on the plot of ground known as the old Depôt Hospital, which will face the open Parade ground.

Letter from the Superintending Engineer, West of India Coast Defences, No. 182, dated 17th December 1887.

With reference to Government Resolution No. 659 C. W.—1852, dated 19th November 1887, forwarding a copy of the Report of the Bombay Extension Committee for his opinion, states that, with reference to the proposed reclamations in part of the new Batteries at Colaba Point and Mahaluxmi, this land will not be available for building purposes on account of masking the fire of the guns; that it can be laid out for recreation, and that these reclamations will be useful as affording means of communication to the Batteries.

Memorandum from the Joint Secretary to Government, Public Works Department (Railway), No. 44, dated 10th January 1888.

With reference to para. 5 of Government Resolution in the Public Works Department, No. 659 C. W.—1852, dated 19th November 1887, submits his remarks on "Railway Lines" and "Level Crossings," referred to in the report of the Committee appointed to consider the future extension of the City of Bombay, pages 10 and 11.

Letter from the Superintending Engineer, Northern Division, No. 326, dated 17th January 1888.

With reference to para. 6 of Government Resolution No. 659 C. W.—1852, dated 19th November 1887, submits his opinion (on the proposals which affect Government land and buildings) on certain questions dealt with by the Committee appointed to consider the improvement and possible extension of accommodation in the City of Bombay.

Memorandum from the Military Department, No. 22 C. G., dated 21st January 1888.

In continuation of Military Department No. 821 Q. M. G., dated 16th December 1887, transfers the following papers, for disposal in the Public Works Department:—

Letter from the Commissary General, Bombay, No. 17-5—4547, dated 26th December 1887.

Stating, with reference to para. 2 of Government Resolution in the Military Department, No. 4389, dated 30th November 1887, that he considers it very necessary that the Executive Commissariat Office should be located at Colaba where the troops are stationed, and to whom the Commissariat Officer has to supply Rations, Barrack and Hospital necessaries, &c.; that there is a plot of ground opposite the Sassoon Dock formerly occupied by the old Colaba Sanitarium for Troops; that it is still in charge of the Military Authorities, strongly urging that it be utilized for the accommodation of office, stores, &c., for the Executive Commissariat Office. Adding that this position would be most suitable and convenient in every way and explaining the reasons for the same.

Report from the Quarter Master General, No. 4-1—48, dated 6th January 1888.

Inviting attention to Government Resolution in the Public Works Department, No. 148 M. W.—1074, dated 12th July 1887, and his No. 2-33—4794, dated 7th December 1887; observing that, if there is no prospect of the site of the old Sanitarium Hospital at Colaba being taken up for the erection of quarters for Warrant Officers of the Ordnance Department, the simplest plan would be instead of allowing the site to be vacant, to build on it a Commissariat Office on such a plan that it might be subsequently converted into a Hospital for Native Troops if required; that, should the proposed reclamations for the extension of Colaba be eventually

carried out, a better site would probably be obtained for the Warrant Officers' quarters and Commissariat Office on new ground; and that the question as to the disposal of the site must now rest with Government, but that His Royal Highness strongly recommends a consideration of the plan above mentioned.

Further letter from the Commissary General, No. 17-5—4903, dated 19th January 1888.

Stating that the requirements of the Executive Commissariat Office, should Government be pleased to adopt the proposal of His Royal Highness the Commander-in-Chief, will be as follows :—

1 Office room to accommodate 14 clerks and a retiring room.
1 Office room for the Executive Commissariat Officer and a retiring room.
1 Record room.
1 Necessary room.

Store rooms as follows :—

1 Rum godown about 50′ × 20′ × 17′.
1 General stores godown about 80′ × 50′.
1 Godown for Hospital clothing about 80′ × 50′.
1 Godown for Barrack stores and dead stock about 80′ × 50′.
1 Meat shed about 70′ × 30′. This must be airy and easy of access to the meat vans.
1 Warrant Officer's quarters.
1 Transport Sergeant's quarters.
Stables for 17 mules, 4 horses and 18 bullocks.
Sheds for 27 transport carts and 2 omnibuses.
Huts for 30 transport drivers and 6 Commissariat followers.
1 Store room for grain.
1 Store room for equipments.

Adding that there are two or three small buildings already on the ground which could be utilized. One at present occupied by a subordinate of the Gun Carriage Factory could be converted into quarters for the Warrant Officer and one occupied by the Purveyor of the Station Hospital could easily be converted into quarters for the Transport Sergeant.

Memorandum from the Military Department, No. 50 Q. M. G., dated 25th January 1888.

Retransfers the papers forwarded with Public Works Department, No. 43 E., dated 11th January 1888, together with a report by the Quarter Master General, No. 14-3—277, dated 19th idem, stating that the Commander-in-Chief is of opinion that the matter should be referred to the Government of India; observing that the Extension Committee in their report show that little can be done within a measurable period, and adding that when proposals for reclamations are actually made, it will, His Royal Highness thinks, be time enough to consider how they bear on the Batteries at Colaba and Mahaluxmi. Suggests that the reference to the Defence Committee might be postponed until proposals for reclamations are actually made.

Letter from the Secretary to the Government of India, Public Works Department, No. 51 M., dated 3rd February 1889.

Acknowledges receipt of two copies of the report on the future extension of the City of Bombay, forwarded with this Government's letter No. 659 C. W.—1852, dated 19th November 1887, and states that the Government of India will be glad to be furnished with a copy of the orders that may be passed thereon by the Government of Bombay.

Read again—

Government Resolution No. 191 C. W.—566, dated 20th March 1888.

Government Resolution (Judicial Department) No. 3099, dated 13th June 1888.

Read again—

Memorandum from the General Department, No. 2349, dated 6th July 1888.

With reference to para. 4 of Government Resolution in this Department, No. 659 C. W.—1852, dated 19th November 1887, transfers a letter from the President, Municipal Corporation, forwarding copy of the report of the Committee appointed by the Municipal Corporation to enquire into and report on the recommendations made by the Extension Committee; stating that, in forwarding the above report, he has been directed by the Corporation to convey its thanks to His Excellency the Governor in Council for the trouble which Government has taken to make known to the public, the Municipal necessities of Bombay, as prescribed by the large and representative body who constituted the Extension Committee.

Correspondence ending with this Government's letter No. 127 M. W.—1216, dated 11th July 1888, to the Government of India.

RESOLUTION.—The various recommendations and suggestions made by the Extension Committee in the comprehensive report submitted by them in October 1887, having been considered and reported upon by the Departments of Government, by a Committee appointed by the Corporation and by the Officers of Government concerned, Government are now in a position to arrive at a decision as to the definite action to be taken thereon.

2. The matters dealt with embrace a wide field, and include subjects of exceptional difficulty, but Government have been greatly assisted in their deliberations by the practical unanimity with which the majority of the more important of the recommendations have been accepted.

3. Government have thus no difficulty in according general approval to the recommendations made in the report as a whole, believing that the scheme is alike comprehensive, well considered and practically meets requirements as far as it is at present possible to foresee them.

4. The interests in a proprietary or pecuniary sense dealt with are those of—

I.—The Government,
II.—The Municipality,
III.—The Railway Companies,
IV.—Private owners,

or one or other of these combined.

5. Those pertaining to Government, it is proposed to treat of in some detail further on. Those pertaining to the Municipality may be summarised under the following heads :—

(*a.*)—The provision of open spaces in various parts of the City.
(*b.*)—Roads.
(*c.*)—Arcades.
(*d.*)—Removal of buildings.
(1) Pinjrapole.
(2) Bandra Slaughter-house.
(*e.*)—Disposal of town sweepings and sewage.
(*f.*)—Burial places.
(*g.*)—Sanitary control and building regulations.
(*h.*)—The limits of the Municipality.

6. The practical question to be dealt with in relation to the proposals under these several heads is one of Finance. The Committee of the Corporation suggest, for instance, that it will be impossible to give effect to the recommendations under the first of these heads, unless Government would allow the Corporation to raise loans to run for a period of 100 years. Again, to carry out the important series of roads recommended, will involve a very considerable outlay of capital which must be borrowed, and the Corporation are entitled to every assistance in obtaining the requisite funds. The completion of the water supply and sewerage and indispensable sanitary works of a like nature, to which the Municipality is already pledged, will leave the Corporation only a limited scope within the margin of its statutory borrowing powers, and some extension of those powers and a relaxation of the conditions as to the period within which loans must be repaid may possibly be necessary, if effect is to be given to the recommendations of the Committee. The Corporation should be invited to submit a careful review of their position in regard to loan works, present and prospective, and proposals for such enlargement, if any, of their borrowing powers, as they may consider necessary to meet the obligations to which they are already committed, or which the progress of the City must inevitably entail, in order that Government may be in a position to judge if any amendment of the existing law or procedure is necessary.

7. The question of improving the machinery for the compulsory acquisition of land for Municipal purposes is separately under consideration. Such a measure would assist in giving effect to the proposals for road extensions.

8. The Committee of the Corporation are adverse to the suggestion that the Bandra Slaughter-house should be removed to Matunga, and to that regarding the removal of the Pinjrapole. The site at Matunga proposed for the Slaughter-house is near the junction of the Great Indian Peninsula Railway main line and the old disused siding to Mahim, and the advantages it possesses over the present site are that live stock could be brought direct into the yard by either railway: that better standing and grazing ground would be available close at hand: that the distance between the Slaughter-house and the markets over which the meat would have to be conveyed is considerably less, and that the Slaughter-houses would be more apart from other buildings. These advantages form strong arguments in favour of the Extension Committee's recommendation, and it is hoped that the matter will be fully reconsidered when the sewerage of the northern portion of the island is provided for.

9. As respects the other heads pertaining directly to the Municipality, the matter is sufficiently dealt with by the general approval accorded to the recommendations of the Committee in para. 3 above. The question of disposing of the town sweepings in the way recommended has been definitely taken up, and the matter

is in a fair way of settlement: the questions of arcades and burial places must be left entirely to the Municipality, and the new Municipal Act comprises, it is believed, all the more important provisions necessary to give effect to the recommendations under the head (*g*) "Sanitary control and building regulations," which includes those sections of the Extension Committee's report relating to offensive trades and manufactures, sanitation and powers of the Municipality. As regards the last head (*h*), Government accept the well-considered opinion of the Extension Committee that no change should be made in the existing limits of the Municipality.

III.—The Railway Companies.

10. The branch lines of Railway suggested must be made and worked by one or other of the two Railway Companies now running into Bombay, who are the best judges of the precise lines to be followed and of the time when the construction of each should be undertaken. The Public Works Department (Railway) should be requested to invite the attention of the Directors of both Companies to the recommendations made by the Committee in this respect.

11. The suburban stations complained of are situated mostly on the Great Indian Peninsula Railway, and these are all receiving attention. A new station at Byculla has been sanctioned and plans and estimates for others are under consideration.

12. The proposed new Railway Station at Hancock Bridge will involve the acquisition of valuable land, but the want appears to be regarded as urgent, and the scheme should be considered and reported upon in the Railway Department.

13. Government accept the suggestion for an over-bridge south of the Marine Lines Station, in connection with proposals 2 and 18 under the head "Roads," and consider it should be immediately undertaken. The section of Road (18) southwards from the Marine Lines to Church Gate Street Station should be omitted. In these circumstances, the bridge over the level crossing at Chaupati may be removed from the class of those immediately required. The provision of a bridge over the level crossing at Falkland Road may be regarded as practically settled. The question of bridges north of Byculla, both immediate and prospective, should be referred to a Committee to be appointed by the Public Works Department (Railway), on which the Corporation, Railway Companies and Government should be represented. The question for decision is the exact sites at which bridges are required, with a view to the acquisition and reservation of the land likely to be required for approaches and low level roads. No time should be lost in deciding the point, as the land is rising in value, and the erection of new buildings on such sites, which will enhance the cost of acquisition, should be prevented.

IV.—Private Owners.

14. Government attach much importance to the suggestion that Mill Owners should build suitable accommodation for their operatives near the mills. The suggestions of the Committee in other respects appear judicious. Nothing appears to have been done in Bombay hitherto by private owners towards the methodical laying out of building estates in the manner so common in England. The matter is not one in which Government can take any action, but the suggestions set forth will no doubt attract the attention they deserve.

I.—The Government.

Vacant spaces.

15. The recommendations under this head fall generally within the terms of the general approval to the proposals as a whole, accorded in para. 3 of this Resolution, subject to such terms as in individual cases it may be necessary to impose in the public interest. The plot of land referred to under (1), namely, the strip west of the Bombay, Baroda and Central India Railway between Wodehouse Bridge on the north and Colaba Station on the south, has since been allotted for Railway purposes, and is not available as a site for residences, as recommended.

16. The Chief Engineer, Northern Division, should furnish a plan of the Cotton Green site (2) showing the best arrangement for building plots, and the conditions he would propose as regards style and construction. The rents now realized from the plot should be reported. He should also furnish a rough project for proposal (5), removal of Bandstand to centre of oval, which it appears probably may require some modification on consideration in detail. It is, moreover, not clear how funds for the ornamental garden are to be provided, and to give effect to the proposal as it stands would interfere with the space being utilized, as it has so frequently been, for fairs and large public gatherings. The removal of the railings would further result in people, and especially children, wandering about the ride to the annoyance of riders and their own imminent risk.

17. The proposal (6) that the semi-circular plot, opposite the Sailor's Home, should be devoted to buildings is approved. Designs for laying it out to the best advantage should be invited on conditions which should be framed by the Chief Engineer, Northern Division. A prize may be offered for the best design. The general idea should be to erect buildings with a double open colonnade round the semi-circle leaving the space in the centre vacant, and leaving gaps in the line of buildings (but not in the colonnades) to suit the direction of the prevailing winds. When the question of the best plan of laying out this area has been decided, Government will be in a position to invite offers for building leases.

18. The most important of the recommendations under this head is that relating to the Marine Lines site (8). Five of the members of the Committee dissent from the recommendation, and their

objections have been carefully considered by Government. The requirements of this part of the City as regards breathing space and purposes of recreation will, it is considered, be fully met by the proposed reservation of the present parade ground and of the Kennedy Sea Face. The whole width of the Island from the shores of Back Bay to the Harbour is at the northern end of the site less, and at the southern end considerably less, than a mile, and the proposals made, providing as they do, for wide cross roads and ample garden spaces between the buildings will not interfere with the free circulation of the air across the Parade ground (itself a considerable air space in the immediate vicinity) to the populated areas east of the Waudby and Hornby roads. Having these considerations in view, Government approve of the recommendations of the majority of the Committee as regards this area, and immediate steps will be taken for giving them practical effect. A Committee consisting of the Chief Engineer, Northern Division, the Collector of Bombay and the Architectural Executive Engineer and Surveyor have already reported; their repert has been considered by the Sanitary Commissioner and is now before Government in the Military Department.

19. The site at the south-west corner of the plot on the Queen's Road has already been allotted to the Bombay, Baroda, and Central India Railway Company for their offices, in accordance with the recommendation of the Committee that the frontage along Church Gate Street shall be reserved for imposing public buildings in keeping with the public offices in the vicinity.

20. The recommendation (14) that the Kennedy Sea Face be reserved vacant for play and recreation grounds has already been referred to. It involves the abandonment of the proposals made in 1883 to lay out a strip 150 feet wide between the Marine Lines Station and Churney Road, bounded on the east by the Railway fence in building sites for detached residences with garden spaces between. The requirements in this respect will be amply met for a long time to come by the building plots to be made available on the Marine Lines Estate. It does not, however, appear that this proposal would in itself seriously curtail the area to be devoted to recreation purposes which would still be very large, or that it would (as was urged at the time) interfere with the free admission of air to the thickly populated parts of the City, east of the line. Under present circumstances no specific reservation of the strip seems required, and the recommendation of the Committee may be approved, but the question may at some future time have to be reconsidered, should pressure on space in other directions, further reclamations or other alterations render it necessary.

21. Recommendation No. 16 under this head may be approved so far as regards the area occupied by the Hill Slope, on the understanding that the Municipality are prepared to undertake the expense of maintaining the garden, and that Government retain the right to re-enter, should the land be required by them for any

purpose, or should it, or any portion of it, cease to be maintained as a public garden. The other portion of this site comprising the flat ground at the foot of the hill, should be reserved for buildings as proposed on the adjoining plot (15). It will be necessary to prepare a plan of this area, which may be called the Chaupati Estate, showing method of laying out the site in building lots before any offers are invited for leasing it.

22. The recommendations regarding the disposal of lands in the flats (17, 18, 19 and 20) are separately under consideration. The proposals made have been before Government on a previous occasion, and will now be re-considered.

Removal of Buildings.

23. Some of the suggestions under this head have already been given effect to. A special Committee has been appointed and has submitted a report on the removal of the Colaba Lunatic Asylum, the House of Correction and the Jail,—a project involving important considerations of finance and administration. The Chief Engineer, Northern Division, should be requested to prepare and submit a rough project for removing the Government Mews. The recommendation that the Dockyard, Arsenal and Gun Carriage Factory should be removed to Hog Island is one to which the Government have given much attention: it is considered that the transfer is one that circumstances will in time necessitate, but the Government of India have decided that in the present condition of the finances, whatever may be the ultimate decision, there is little prospect of the transfer being carried out for many years to come.

24. The proposals to locate the Native Infantry Lines and Executive Commissariat Office, &c., at Colaba, (referred to also under the head Cantonment and Military Offices, page 12 of the Report) are supported by the Military Authorities, who recommend their adoption. The recommendations may be generally approved, subject of course to a site being made available by reclamation, and to the approval of the Government of India, to whom the matter will be referred before any action is taken.

25. The Cathedral High School is not a Government building. Proposals for its transfer to a building on another site are under the consideration of the Governing Body of the School, who are aware that Government are prepared to further them on conditions which have been laid down.

26. The questions regarding the reservation of a site for a new Government House on the Esplanade, and the disposal of the Malabar Point and Parel properties are reserved for future separate consideration: financial pressure renders any immediate action out of the question, and the matter must be deferred until the new European General (St. George's) Hospital and other important public works, now in progress, are completed.

27. The recommendations under "*Spaces to be left open*" have been dealt with under the head II., The Municipality. Public open

spaces not specifically alluded to in the Committee's report will be treated as the circumstances of each may require, bearing in mind the Committee's general recommendations.

28. There remain the important questions of terms and conditions for the disposal of sites referred to on page 6, and "Reclamations" dealt with on page 11. As regards the former, the very valuable opinion recorded by the Committee is in accordance with the principles on which Government have for some time past acted in dealing with applications. Offers should be invited for some selected sites on the basis recommended, at the proper time, of which due notice will be given.

29. As regards Reclamations, the localities in which such should be undertaken, as indicated by the Committee, are generally approved, subject to the concurrence of the Military Authorities as respects their effect on the Defences. No scheme can be sanctioned or entertained which is open to objection in this respect. The reclamation at Colaba to such extent as may be necessary to meet Government requirements must, it is considered, be reserved for execution by Government. The questions of the limits of the area to be so reclaimed, the probable cost of such reclamations, and the sites which can be offered to the public for reclamation at once, and the precise terms of such offers should be referred for the report of a Committee consisting of—

The Chief Engineer, Northern Division.
The Collector of Bombay.
The Executive Engineer, Presidency.

It may be remarked that the site which can be reclaimed, at least expense should of course be reserved for Government purposes, and that from the rates given in the report of the Committee (Appendix A), it would appear that this would be on the western side of Colaba. The Committee should obtain from the Superintending Engineer, West of India Coast Defences, information as to the areas within which reclamations would be inadmissible, on account of interference with the range of fire of the Batteries &c., &c.

H. D. OLIVIER, CAPTAIN, R.E.,
Under-Secretary to Government.

Also letter No. 2741, P. W. D. (Railways), dated 20th idem, to the President, as follows:—

SIR,—With reference to para. 13 of Bombay Government Resolution, No. 489 C. W., dated 2nd December 1889, copy attached regarding the future extension of the City of Bombay, I am directed to state that His Excellency the Governor in Council proposes to appoint Mr. E. C. K. Ollivant, C.I.E., and one member of the Corporation to be selected by themselves, as members of the Committee, to which it is proposed to refer the question stated at length in the para. of the Resolution abovementioned. I am, therefore, to ask that the permission of the Corporation may be granted to allow Mr. Ollivant to serve on the

Committee, and that I may be favoured with the name of the member of the Corporation who may be selected for the duty.—I have, &c., H. W. WARDEN, Under-Secretary to Government.

Proposed by the President, seconded by Cowasjee Hormusjee, Esq.—

No. 6243. "That letter No. 1243B, Public Works Department, dated 11th December 1889, from Mr. Secretary Hughes, forwarding Government Resolution No. 489 C. W. 2066, same Department, dated 2nd idem, on the report of the Bombay Extension Committee, and inviting the attention of the Corporation specially to paras. 6 and 8 thereof, be referred for report to the Standing Committee.

"That, with reference to letter No. 2741, Public Works Department, Railway, dated 20th December 1889, the President be requested to inform Government that the Corporation hereby authorizes the Municipal Commissioner to serve on the Committee, to which it is proposed to refer the question of overbridges, and that the Chairman of the Standing Committee be nominated to serve on such Committee."

Carried.

This meeting was further adjourned until 3-15 P.M. on Thursday, 30th instant, and the proceedings of the Budget Meeting were resumed.

BOMBAY, 30*th January* 1890.

AT the adjourned Ordinary Meeting of the Corporation (originally called for the 9th instant, and adjourned from the 23rd idem), held this day for the consideration of the Budget Estimates for the year 1890-91, there were present :—

GRATTAN GEARY, Esq., *President.*

THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DINSHAW EDULJI WACHA, Esq.; ELAPPA BALARAM, Esq.; FAZULBHAI VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU

Esq.; K. M. SHROFF, Esq.; MANEKJI BEHRAMJI DADABHAI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT. H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; RAHIMTULA KHAIRAZ, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned Ordinary Meeting held on the 16th instant, and the record of the adjourned Special Meeting called for the same day, were signed.

Read letter No. 1520, dated this day, to the President, as follows:—

SIR,—I have the honour to forward the following extract from the minutes of the meeting of the Committee (appointed to consider and report on the list of the new offices exceeding Rs. 200 per mensem, proposed to be created as per schedule, and the proposed increases of existing appointments as per Budget Estimates for 1890-91) held on the 20th instant:—

"After discussion, it was—

"*Resolved*: That the Corporation be recommended to sanction the pay of the Chief of the Fire Brigade at the sum proposed by the Commissioner, Rs. 500 per mensem. As, however, there is some doubt whether that limit of pay will be sufficient to secure permanently the services of a first class officer, capable of organizing and thoroughly training the Brigade, the Committee further recommend the Corporation to empower the Commissioner to enter into an agreement with a thoroughly competent officer for the period of 3 years, and at such higher salary, as may be reasonable, the difference between the Rs. 500 per mensem entered in the schedule and the amount paid to the officer during the 3 years being shown in the Budget year by year.

"That this recommendation be placed before the Budget meeting of the Corporation.—I have, &c., R. M. SAYANI, Chairman of the Committee."

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee, the Corporation sanction the creation of the following new office at the salary hereunder fixed in respect thereof:—

No. 6521.

Designation.	Salary.	Allowance.	Total.
Chief of the Fire Brigade	Rs. 500	Rs. ...	Rs. 500

"That, as there is some doubt whether the limit of Rs. 500 as pay will be sufficient to secure permanently the services of a first class officer, capable of organizing and thoroughly training the Fire Brigade, the Commissioner be authorized to enter into an agreement with a competent officer for the period of three years, and at such higher salary as may be reasonable, the difference between the Rs. 500 per mensem entered in the schedule and the amount paid to the officer during the three years being shown in the Budget year by year.

"That the Corporation will be prepared to sanction any such difference on the recommendation of the Standing Committee.

"That, with reference to their resolution No. 6159, dated 16th instant, the Corporation now adopt the Budget Estimate of expenditure on account of the Fire Brigade for the year 1890-91 at the amount entered in the Budget Estimates Rs. 1,50,000."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That this meeting be now adjourned."

Carried.

BOMBAY, 30*th January* 1890.

AT the adjourned Special Meeting of the Corporation (originally called for the 9th instant, and adjourned from the 23rd idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq. L.M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; BYRAMJEEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq, M.I.C.E.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DINSHAW E. WACHA, Esq.; J. R. DUXBURY, Esq.; ELAPPA BALARAM, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI CAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJ DADABAI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWRO-

JEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; RAHIMTULA KHAIRAZ, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London) SHIVAJI DHURMAJI, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

With the consent of the meeting, the President gave priority to the report by the Standing Committee regarding the Tansa Duct Works.

Considered the following :—

EXCESS ON THE COST OF THE TANSA WATER WORKS DUCT.

Referring to the Resolution of the Corporation as per margin, passed on the 10th instant, the Standing Committee beg to report as follows :—

"That the proposition be referred back to the Standing Committee with a request that they should state the increase in the total cost which would be occasioned by the increased rates and also the reasons for the recommendation they have made."

1. The cost of constructing the line of Tansa Duct from the Tansa Dam to Ghatkopar, arrived at by the application of Messrs. Walsh, Lovett, Mitchell & Co.'s tendered rates to the approximate quantities of the Engineer, was Rs. 42,00,000, or Rs. 6,60,000 less than that arrived at by the application of the rates of the next lowest tender. Applying Messrs. Walsh, Lovett, Mitchell & Co.'s rates to the revised quantities prepared by the Engineer in last November, the cost comes to Rs. 48,22,000, or about 6¼ lakhs in excess of the cost arrived at the time the tenders were received. More than Rs. 2,00,000 of this excess is due to the substitution of tunnels for conduit and to the extension of the Bassein creek bridge. These substitutions and extensions were made with the consent of the Contractors and were to their advantage. The estimated cost, at contract rates of the excess of tunnelling, is Rs. 3,42,540. The length of conduit which has been saved by the extension and substitution of tunnels is about 8,000 lineal feet, the cost of which at contract rates is Rs. 1,60,000. The excess in cost caused by the substitution of tunnels is therefore Rs. 1,82,540. The extension of the Bassein creek bridge* costs Rs. 33,000. This work saves about Rs. 2,000 in embankments, so that the net increase on this account may be taken at Rs. 31,000. The total increase, therefore, due to tunnel extensions and substitutions and to the bridge extension would be Rs. 2,13,540. Deducting this from the revised estimates of the cost of the works made in November 1889, namely, Rs. 48,22,000, the balance would be Rs. 46,08,403, or Rs. 4,08,460, or less than 10 per cent. above the estimate which was arrived at when Messrs. Walsh, Lovett and Mitchell's tender was compared with the other tenders.

2. As the Corporation have asked the Standing Committee to explain the reasons for the recommendations they made in their

* The reason for the substitution of tunnels in some places for conduits was that it was considered safer to drive short tunnels here and there, instead of carrying the conduit round in contour on the scarped face of the hills. The extension of the bridge work was determined on because it was found that the natural ground on the north of bridge No. 3 was not of a nature to sustain the heavy embankment it would have to carry.

Resolution No. 5759 of the 3rd instant, the Committee proceed to note as briefly as may be, (1) the difficulties which have arisen in regard to the carrying out of the contract, and (2) the grounds on which the Committee were induced to advise the Corporation to sanction the payment of certain enhanced rates to the Contractors in order to secure the delivery of the Tansa water into Vehar lake by 1st March 1892. By their contract, dated 15th September 1886, Messrs. Walsh, Lovett, Mitchell & Co. undertook the construction of the duct for conveying Tansa water from the dam of the new lake to Ghat Koper in Salsette, a place about three miles north of Kurla. The length of the duct works will be about 47 miles in all. The contract is what is known as a schedule of rates contract, as distinguished from a lump sum contract, or from a contract for a precise and specified quantity of work done. The contract comprises the whole of the works necessary for the completion of the duct, such as the construction in some parts, and in fact the greater part of the length of a masonry conduit, in other places of tunnels, of which three long ones in particular were provided for, and in others, of aqueducts. In other places, the duct consists of a pipe line to be laid on a prepared bed, and again one important item in the work is the construction of an iron girder bridge over the Bassein creek at Kasheli Bandar, a few miles from Thana; there are also several minor bridges.

3. The whole work, it will be observed, was, under the terms of the contract (clause 17), to be completed by the 1st January 1891, the Contractors being subject to a penalty of Rs. 300 a day for every day that completion should be deferred after that date. On the other hand, as an extra inducement to the Contractors to push on energetically with the tunnelling work which, it was expected, would be the work over which the Contractors would experience most difficulty, and which was the most likely to delay completion, it is provided (clause 17*a*) that, in case of their completing the three long tunnels therein specified by the 1st December 1890, they should receive a bonus, calculated at the rate of Rs. 8,000 for each complete month by which the date of actual completion of the said three tunnels should precede the 1st January 1891, but so that such bonus should in no case exceed Rs. 60,000.

4. It will be gathered from these provisions, that the date of completion of the works is a matter of grave importance. The date fixed was very carefully considered, and completion was timed, so as to correspond (with a margin of safety) with the contract for the construction of the dam which has been entrusted to Messrs. Glover & Co. For completion of the dam contract before June 1891, the Municipality contracted in a similar way to pay a bonus which may amount to so much as Rs. 96,000, so anxious were they to secure early completion. Yet the dam completion would be of no use without the duct; so the time for completion of the latter was advisedly fixed with reference to that for completion of the former. The Municipality may have to pay the whole of the dam bonus, and will certainly have to pay part of it, while, as matters stand by reason of the delay (hereafter referred to) on the duct, they may gain no corresponding advantage from such payment.

5. There is no schedule of quantities attached to the contract, and it contains no statement whatever of the expected or estimated quantities of all, or any one of the several items, or classes of items, which it

comprises, though in clause 17*a* it purports to state *approximately* the lengths of the three principal tunnels to which the bonus for early completion applies.

6. The Engineer, Mr. Clerke, had of course made a survey and estimate of the quantities of the various kinds of work, long before the contract was let, but this was for the purpose of advising the Corporation as to the feasibility and suitability of the project and for giving them an approximate forecast of the total cost with a view to the financial aspect of the scheme being discussed without delay. His estimate of quantities was, as has been pointed out, in no way embodied in, or attached to, the contract in the form of a bill of quantities, nor was any representation made on the part of the Municipality to Messrs. Walsh, Lovett, Mitchell & Co., or the other tenderers in regard to such quantities. Upon this point they were left to make their own local inspection and examination of the ground, and frame their own estimates, and draw their own deductions, being afforded, of course, every opportunity of inspecting the Municipal designs and drawings, when tenders were invited. No work of the kind had ever been executed in this neighbourhood before, but the several tenderers were men of experience in large works elsewhere, and were in just as good a position as the Engineer for forming their own opinion, both as to rates and quantities, and did in fact make their own independent examination of the ground; and for this purpose Messrs. Walsh, Lovett, Mitchell & Co., for some weeks before they tendered, employed an agent to go over the line and make a careful report on the several parts of the contract. In one place, and one place only, in the contract (namely, in clause 3) is there any reference to a bill of quantities at all, and there only for the purpose of expressly protecting the Municipality against the possibility of the Contractors attempting to rely upon the figures given in the Engineer's approximate estimate which, though not intended to guide the Contractors, could not but become, to a certain extent, public property, and of providing that no error in these figures or any discrepancy should be made the basis of any claim whatever by the Contractors against the Municipality.

7. A few days after the date of the contract, namely, on the 20th September 1886, a copy of Mr. Clerke's estimate of quantities was, it appears, forwarded to the Contractors at their own verbal request. This is the only record of any Municipal estimate of quantities having been communicated to the Contractors at all, and, as a matter of fact, it was never shown or communicated to the Contractors before that date, and it is evident, of course, that having been sent after the contract was signed, it was certainly not in any way on the basis of this document that the Contractors tendered or undertook the work. Messrs. Walsh, Lovett, Mitchell & Co., whose tendered rates were considerably lower than those of either of the other Contractors who competed, must, there is now no doubt, have seriously under-estimated the difficulties and cost of executing the work, and fearing that this might be the case, the Commissioner, before accepting their tender, sent for their representatives, and particularly drew their attention to certain of their rates (it being entirely a rate contract without reference to quantities except in so far, of course, as the designs implied the quantities of work necessary for carrying them

out) and begged them most earnestly to satisfy themselves that there was no mistake. These gentlemen, however, stated most positively that the rates had all been most fully and carefully considered and expressed themselves as thoroughly satisfied—that they could carry out the works in terms of the contract at the rates tendered.

8. Soon after the contract was finally let and signed, however, Messrs. Walsh, Lovett, Mitchell & Co. began to realize that in having relied on their previous experience of cost of work elsewhere, they had been over-sanguine in their calculations, and became aware that they had undertaken the contract at rates which, even with the most careful management, would leave them little or no margin of profit. But so far from adopting the most careful management from the beginning, their organization was decidedly defective, so much as that their first season's work (October 1886 to June 1887) was alike unsatisfactory in its results to them and to the Municipal Commissioner. The next season's work (1887-88) was, however, much better, while during the third season, ending at the commencement of the last monsoon, they really did resolutely face the matter and pushed on the works vigorously and well in the face of the serious difficulties with which they had to contend, particularly those arising from the unhealthy season and large amount of sickness amongst their staff and workmen—and indeed one of their partners (Mr. James) died at the works—his illness and death being attributed to exposure and the ill effects of the climate.

9. The Contractors represent that down to the present time they have lost a very large sum over the contract, and there can be no doubt whatever but that up to date they are out of pocket by their operations. A good deal of correspondence passed between the Contractors and the Commissioner. At first, the Contractors only asked for an extension of time and evinced some anxiety about their liability to penalty. Latterly, however, as in their letter of 24th October 1889, they assumed a somewhat different attitude, professing to treat the contract as if it represented certain specified quantities of work only, and to ignore altogether the idea of any liability attaching to themselves in consequence of their not completing the work within the contract time, and even hinting, that in consequence of what they allege to be a large excess of the actual work over that "provided for in our contract" and of the alterations in certain parts of the design as mentioned in para. I of this report, they might assert a right to rescind the contract or repudiate liability to complete the work. As already pointed out, there was no representation as to quantities made to the Contractors before the contract was signed. They contracted, in fact, to complete the work according to the "general description," pp. 19 and 20 of the contract, and must be presumed to have sufficiently satisfied themselves as to the approximate quantities comprised in the work they would have to do.

10. Counsel (joint opinion) advise that the Contractors are bound to execute the whole of the works in accordance with the "general description" and without any reference or regard to the Engineer's estimate of quantities, which is in no way embodied in the contract either by reference or otherwise. In the opinion of counsel, the existence of

such estimate does not effect the matter at all, and in the event of the Contractors not proceeding with the works energetically, or in case they throw up work altogether, as they verbally threatened to do, Counsel are further of opinion that the Commissioner, in both cases or either case, can take the work out of the Contractors' hands under clause 2 of the contract, and avail himself of all the provisions of that clause, including the retention of the deposit and the taking possession of the Contractors' plant. It may, however, be mentioned that the Contractors allege that they are not bound by their contract, and that they have obtained Counsel's opinion in support of their contention.

11. About the time that the matter had reached this stage, the Commissioner brought to the notice of the Standing Committee, the serious fact that there would probably be a grave deficiency in the water supply from Vehar in the early part of the year 1892, and a possible grave deficiency in the early part of the year 1891. And on 13th November, the Standing Committee appointed a Sub-Committee to confer with the Commissioner "as to the best means of averting the difficulty * * * and especially as to the terms which should be adopted in dealing with the Tansa duct Contractors." The Sub-Committee discussed the matters involved, with the Commissioner, the Engineers for water works, Mr. Clerke and Mr. Tomlinson and, so far as the Tansa duct question was concerned, with Mr. Hall, the representative of the Contractors. In this respect Mr. Hall stated his case to the Sub-Committee, on two occasions, pointing out that even, if enhanced rates were allowed on certain items of the work still remaining to be done, such rates would only aggregate Rs. 2,10,000, a sum, which he declared, would in no way equal the loss that Messrs. Walsh, Lovett and Mitchell would incur by carrying on the works. And he asked, as the conditions on which they would proceed so as to complete the duct by 1st March 1892, that the enhancement should not be less than 20 per cent. on the whole work remaining to be completed, which would have amounted to Rs. 5,50,000.

12. The several alternatives that presented themselves to the Sub-Committee were :—(1).—To adhere strictly to the present contract rates and conditions, in which case the Contractors (*a*) might go on with the probability of completion about June 1894, or (*b*) might throw up the contract at once because, as they allege, and, Mr. Clerke admits, they have already worked at a considerable loss and would incur further loss in executing the remainder of the contract. (2).—To induce them to continue their work with a guarantee of completion by 1st March 1892, the Municipality (*a*) enhancing, in respect of the remainder of the work still to be executed, the rates which, Mr. Clerke admits, are insufficient, such enhancements amounting, approximately, to Rs. 2,10,000 (as already stated Mr. Hall declined to accept such enhancements) ; (*b*) enhancing the same rates in respect not only of certain items of work to be executed, but in respect of similar items, already executed. The sum payable, as thus calculated, would amount

---

Note to paras. 11 *and* 12.—The total of the extra rates on the items referred to is Rs. 4,50,000 as stated, but the apportionment between work done and work to be done should be Rs. 2,00,000 and Rs. 2,50,000 instead of Rs. 2,40,000 and Rs. 2,10,000.

approximately to Rs. 4,50,000, of which such portion, namely, Rs. 2,10,000, as respects enhanced rates on works still to be executed, would be paid on the regular monthly bills as the works proceed, the balance being paid only in the event of the work being completed by 1st March 1892. Both these alternatives would involve the suspension of action under the penalty clause, from 1st January 1891 to 1st March 1892, whilst the bonus premium which is now applicable to the tunnel completion only would be transferred to the completion of the whole works. (3)—To take the work out of the hands of the Contractors and execute it departmentally, in which case Mr. Clerke estimates that, using the Contractors' plant, as under the Municipal interpretation of the contract he is undoubtedly entitled to do, he could complete the work at the contract rates, *plus* the enhancements amounting to Rs. 2,10,000, which in this case would be recoverable from the Contractors' deposit and would not come out of the Municipal fund.

13. In adopting the last of these alternatives, however, there would be the risk of litigation and delay, and the possibility that a working season might be lost before the full departmental staff could be organized. These considerations (apart from any question that might be raised as to the reasonable concessions to the Contractors on account of special losses and difficulties) resolved themselves into the plain issue, whether it was worth the while of the Corporation to pay Rs. 4,50,000, to ensure the delivery of the Tansa water by 1st March 1892, and to avoid the possibility of the loss of one season's work.

14. At this time, as mentioned in para. 11 preceding, the necessity for supplementing the present Vehar supply was urged on the Corporation, and it was determined to carry out the Pawai scheme. This scheme is sufficient to render Vehar safe for the maximum draw-off through the present 32″ and 24″ mains with an average rainfall, and if Vehar had been full at the beginning of last November, it would have sufficed to prevent all fear of a water-famine before 1893. But Vehar was not full. On the contrary, it was so far depleted that, in spite of the provision of the additional supply from Pawai, there is the contingency depending entirely on the rainfall, which is still unknown, of a deplorable scarcity of water in the hot season of 1891, if the rainfall this year, 1890, be a minimum one. In that case an average rainfall in 1891 would only place matters in a very poor position for 1892, and hence the importance of pressing on the Tansa works for March 1892. Sewer flushing is also demanding more, and this demand cannot be responded to. So long as a portion of the City must be on intermittent supply, the risk of serious consequences from fires is much greater, and the loss through one fire might more than equal the additional expenditure on Tansa. The maximum supply which can be drawn through the existing Vehar and Tulsi mains is only 16 gallons per head per day on the present population, which is quite insufficient to afford a satisfactory supply. There should be *at least* 24 gallons per head per day, and more is desirable. This means an addition required, at present, of 8 million of gallons per day, and there will be a further annual increase in demand equal to ¾ million gallons daily, or, say, 2 million gallons per day more than at present, before March 1892, which makes a total of 10 million of gallons more required by March 1892. It should further be noted that it is at present quite impossible to respond to the greatly

increased demand in the hot season, because the full supply is only just sufficient to prevent serious inconvenience in the cold season. After careful consideration of the above conditions and in view of the paramount importance of adopting the best means possible for obviating the occurrence of a water famine, the majority of the Standing Committee arrived at the conclusion that, under the circumstances, the best course was to recommend the Corporation to sanction the following arrangements :— (*a*) That insistence on the penalty clause be waived till 1st March 1892. (*b*) That, subject to the Contractors waiving all claim to bonus on completion of tunnels according to the terms of their present contract, similar bonus provisions be made applicable to the completion of the whole work prior to March 1st, 1892. (*c*) That, for the balance of the work remaining to be done, the Contractors be paid in respect of certain items at the increased rates as per revised Schedule. (*d*) That provided the Contractors complete the work by 1st March 1892 and, then only, they be allowed the revised rates in respect of the quantities of similar items already executed. (*e*) That, except for the above modification, the original contract to remain intact. And further that, subject to the acceptance of these terms by Messrs. Walsh, Lovett & Mitchell, the Commissioner be authorised to advance to the Contractors upon the security of their plant (the security to be approved by the Municipal Solicitors), half the amount so payable in respect of items already executed and that, in respect of work still to be executed, payments of the enhanced rates be made monthly, subject to the rate of progress being approved by Mr. Clerke.

The Contractors, in their letter of 25th November declared that these terms were totally inadequate and declined to accept them as they stood. They wrote further on 29th of the same month to this effect, and on 5th December Mr. Hall again attended the meeting of the Standing Committee, when the following Resolution was passed :—

"That, with reference to the verbal request now made by Messrs. Walsh, Lovett & Mitchell, the Contractors for the Tansa Water Works duct, that the bonus payable under their contract should be payable to the Contractors on the completion of the Tunnel Works instead of on the completion of the whole of the works, Messrs. Walsh, Lovett & Mitchell be referred to the reply already given by the Municipal Commissioner to the Contractors that there can be no deviation from the terms of the Committee's Resolution No. 5165, dated 27th ultimo."

For some time after this, Mr. Hall was incapacitated through a severe illness, which has since obliged him to go to Europe, from attending to business, but before he left he wrote on the 2nd January to the Municipal Commissioner, asking him to inform the Standing Committee that the Contractors were willing to accept the terms which the Committee were prepared to recommend to the Corporation for its sanction.

The following papers were placed on the table by the Commissioner :—

BOMBAY, 29*th January* 1890.

To E. C. K. OLLIVANT, Esq., C.S., C.I.E.,
Municipal Commissioner, Bombay.

SIR,—As the recommendation of the Standing Committee for the increased rates to be paid to us is, we understand, to be considered by

the Corporation to-morrow, and having regard to what transpired at the last meeting of the Standing Committee, we think it only fair in justice to ourselves to correct certain statements attributed to a member thereof at that meeting and to point out the position in which we at present stand.

When we were asked if we would accept the arrangement recommended by the Standing Committee, we of course, concluded that the Standing Committee would support such recommendation to the Corporation, and on the faith of this we immediately commenced to push on the work with full speed and at considerable extra cost, and we also greatly increased our European supervising staff which, in all, numbers now fifteen. Some of these were sent out for the purpose of our Allahabad contract, and were stopped here to strengthen our Tansa Staff, and we also increased the wages and premiums to petty contractors.

This enhanced expenditure has now been going on for some time, and we have done lakhs of work on the new basis and in the belief that the Standing Committee were to support their recommendation. It was therefore with considerable surprise that we saw in the report of the last meeting of the Standing Committee, that a member thereof was reported to have changed his mind and was opposed to the increased rates of which he had before approved. The reported statement that the advance to be allowed to us is more than the difference between our tendered rate and that of the next lowest tender is not correct. Taking into consideration the extra work now thrown on us, the offer made by the Standing Committee is not more than, say, half the difference between our and the next lowest tender, we have carried on the work to the very best of our ability and have not spared ourselves in any way, and have made every effort to do the work well and to time, and we cannot allow a statement that we cannot get the work done by March 1892, to pass unchallenged.

Mr. Clerke can certify by the progress we have made the last 2 months that there is every probability of the work being done to time if the same speed is maintained ; but this can only be done by the increased expenditure on staff and extra rates. We think the heavy penalties to which we would be subjected should be a sufficient guarantee to the Corporation that we shall get the work completed within time.

We feel sure that, while laying this letter before the Corporation you will give your support to the sanctioning of the increased rates.—We have, &c., WALSH, LOVETT, MITCHELL & Co.

Forwarded through the Executive Engineer,

Tansa Water Works.

Passed on to the Municipal Commissioner with the following remarks:—As stated by Messrs. W., L., Mitchell & Co., the progress made by them in this season has been satisfactory. The total value, at contract rates of the outturn of work executed since the rains up to end of the current month, is about 5½ lakhs of rupees, and should the present rate of progress be maintained, there will be no difficulty in having the works completed by March 1892. There are some difficulties to be overcome in the carrying forward of the pipes and in laying them up to the siphon heads ; but if this work is now pushed on energetically, I

am of opinion that it can be carried out within the time named. The delay which has occurred in the settlement of this question has enhanced the difficulties which would attend the carrying out of the works departmentally within the time. The season is now so far advanced that it would not be an easy matter to organize departmental arrangements so as to get much work done in the remainder of the present season, although for a work in full swing the four remaining months should give a large outturn. In making this statement, I assume that, if Messrs. W., L., M. & Co. gave up the work, or if it were taken out of their hands, they would stand on, what they believe to be, their legal position and place every difficulty they could in the way of the Corporation as regards the right to use their machinery, &c.—W. CLERKE, C.E., Executive Engineer, Tansa Water Works.

No. 18305 OF 1889-90.

30th January 1890.

Forwarded to the Municipal Secretary for the information of the Corporation.

Mr. Clerke's remarks are appended. My opinion has been already stated more than once, and I adhere to it.

I think we ought to do our best to make sure of getting Tansa water by the hot weather of 1892, and I think it is most doubtful whether departmental agency could give it us by that date, whereas with Messrs. W., L., M. & Co.'s accelerated rate of progress to the maintenance of which they are under the proposed arrangements committed by self interest, we have a reasonable prospect of attaining our object.—E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by E. B. Carroll, Esq.—

No. 6522. "That the report by the Standing Committee, dated 22nd instant, on the subject of the Tansa Water Works Duct be *recorded*.

"That, as recommended by the Standing Committee in their Resolution No. 5759, dated 3rd instant, the Corporation hereby approve and sanction the following agreement being entered into with Messrs. Walsh, Lovett, Mitchell & Co., contractors for Tansa Water Works duct.

"That, in view of the works being so far duly completed by them to the satisfaction of the Engineer as to be fully available for delivering the Tansa water into the Vehar Lake by 1st March 1892, and on condition that they be so completed but not otherwise, the following modifica-

tions and alterations of the terms embodied in the existing contract shall take effect:—

"1. The penalty clause to be waived.

"2. The provisions as to bonus applicable to tunnels under clause 17*a* of the existing contract shall, in so far as completion of tunnels prior to 1st January 1891 is concerned, be abrogated, and in lieu thereof shall be made applicable (*mutatis mutandis*) to completion of the whole works to the extent aforesaid for any complete month or months prior to 1st March 1892.

"3. In respect of work remaining to be done on 1st November 1889.—If and as long as the Contractors carry on the works in conformity with such scale of progress as the Engineer shall prescribe as necessary to attain such completion, they shall monthly, as the work proceeds, be paid extra rates amounting to about Rs. 2,40,000 upon the items and according to the particulars noted below, *viz.* :—

Description of work.	Present contract rate.		Extra rate in addition to present contract rate.	
	Rate.	Per	Rate.	Per
	Rs. a. p.		Rs. a. p.	
Excavation for conduit got with blasting	4 12 0	100 c. ft.	2 4 0	100 c. ft.
Uncoursed masonry in conduit ...	27 6 0	"	3 10 0	"
Cement pointing	6 8 0	"	2 8 0	"
Concrete	19 12 0	"	4 4 0	"
Cement plaster	8 0 0	100 s. ft.	2 0 0	100 s. ft.

"4. In respect of work executed prior to 1st November 1889—

The extra rates provided for by the last preceding clause shall be made retrospective, and the sum representing such extra rates about Rs. 2,10,000 as applied to this work shall become payable and be paid immediately after such due completion; provided, however, that an advance on account thereof to the extent of Rs. 1,20,000 may be made to the Contractors

upon the security of their entire plant, by mortgage or otherwise as the Solicitors to the Corporation may advise, and to be recoverable from such security in case of non-completion as aforesaid by 1st March 1892.

"That, save as aforesaid, the provisions of the existing contract remain in full force."

"That this excess of 4½ lakhs, or thereabout, be paid as an advance from the premia on the Tansa Loan or balances of other loan funds or Surplus Cash Balance, and that the total be adjusted on the completion of the Tansa Works by raising a further loan for the Tansa Works, or otherwise as may be decided by the Corporation."

Amendment moved by Bomonjee Pestonjee Master, Esq., seconded by Naoroji Beiramjee Suntook, Esq.—

"That a Committee of the following gentlemen, *viz.*, Major Selby, Mr. Murzban, Mr. Duxbury, Mr. Javerilal, Mr. Dinshaw Wacha, Mr. Pherozshah Mehta, Dr. Balchandra, be appointed to take the advice of independent engineers as to whether the Corporation, by carrying out the resolution proposed by Dr. Blaney regarding Tansa Duct Works, will be properly protected, and as to whether the works are being constructed in a satisfactory manner."

The President ruled that this amendment was out of order as notice of motion of such a proposition should have been given.

On a division, the motion was *carried* by 21 votes *against* 3.

Priority was next given to item 9 on the agenda paper of this meeting.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee, the Corporation approve of the employment of Mr. F. W. Stevens, C.I.E., to frame an estimate of the cost of (1) fire service with fittings (2) water supply ditto, (3) general drainage ditto, (4) surface drainage, (5) hydraulic lift with supply tank, &c., (6) lighting (7) compound railings and gates and laying out ground, and

No. 6523.

"(8) furniture for the new Municipal Office buildings on the following terms :—

"For preparing the requisite designs, drawings (plans, elevations and sections,) general description, &c.	1¾ per cent.
Preparing detailed quantities and estimates	1½ per cent.
Specifications, duplicate working and detailed drawings and instructions for execution	2 per cent.
"General supervision and superintendence of work (exclusive of clerk of works, &c.) examining and passing accounts	1¼ per cent.

Amendment, moved by Dinshaw Edulji Wacha, Esq., seconded by Naorojee Beiramjee Suntook, Esq.—

"That another Engineer than Mr. Stevens be employed to estimate the cost of fire service, &c., &c., for the new Municipal Office building."

On a division, the amendment was *lost*, and the original motion was *carried* by 24 votes *against* 2.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khairaz, Esq.—

"That letter No. 5535, dated 19th December 1889, from the Municipal Secretary, to the President, reporting the Budget transfer sanctioned by the Standing Committee on the 18th idem, as under, be *recorded*:— No. 6524.

"Transfer from savings in Section X, B, Labour, Halalkhor Branch, Health Department Budget, to Section IV., Repairs and X, E, Repairs, same branch same Budget to meet cost of repairs to latrines at Sonapur night-soil depôt and of making 2" connection and fixing two iron tanks at Sankli Tank Road bullock hospital Rs. 1,436-1-2."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Manekji B. Dadabhai, Esq.—

"That the Health Officer's report for the 2nd quarter of 1889 be *recorded*."

In accordance with notice of motion, it was—

Proposed by Dinshaw Edalji Wacha, Esq.—

"That the Corporation views with regret the extreme dilatoriness displayed in the presentation of the Health Officer's quarterly reports, and insists that the report of that officer for each quarter shall be prepared and submitted to the Corporation not later than six weeks from the date that it becomes due."

The motion was seconded by Kaikhosro N. Kabraji, Esq.

This was accepted as a rider by the mover of the original proposition (Mr. Blaney), and was allowed to form part of the motion.

At the suggestion of Mr. Blaney, the words "extreme dilatoriness displayed" were struck out and the word "delay" was inserted in lieu thereof; the word "insists" was also struck out, and the word "requests" inserted instead thereof.

The proposition, as thus modified, was *carried* as under:—

"That the Health Officer's report for the 2nd quarter of 1889 be *recorded*.

No. 6525. "That the Corporation views with regret the delay in the presentation of the Health Officer's quarterly reports, and requests that the report of that officer for each quarter shall be prepared and submitted to the Corporation not later than six weeks from the date that it becomes due."

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 6526. "That, as recommended by the Standing Committee in their Resolution No. 5461, dated 18th December 1889, sanction be given to an arrangement with the executors of the will of the late Mr. Nasarwanji Kavasji Wachaghandi, by which in exchange for a plot of ground admeasuring 267·16 square yards, or thereabout, on the west of Nepean Sea Road, and shown in blue colour in the tracing marked A, dated 18th idem, they give up and convey to the Corporation a plot of ground admeasuring 161·10 square yards, or thereabout, on the north-east of the first mentioned plot and shown in green colour in the said tracing, the land so conveyed to the Corporation being required for the improvement of the road thereat."

Carried.

Read letter No. 15113, dated 16th December 1889, to the Secretary, as under:—

SIR,—I have the honour to forward herewith two statements for the quarters ending 30th June and 30th September 1889, as required by Corporation Resolution No. 1270, dated 3rd October 1887.

The Assessor has been requested to submit the statements with greater punctuality.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Quarterly Statement as per Corporation's Resolution No. 1270 *of* 1887-88, *for the quarter ending* 30*th June* 1889.

Ward.	No. of new properties assessed during the quarter with the total amount of assessment fixed for the same.		No. of previously existing properties, the assessments of which have been increased during the quarter, and the total amount of the increased assessment.		No. of previously existing properties, the assessments of which have been reduced during the quarter, and the total amount of the reduced assessment.		Remarks.
	No. of properties.	Amount of assessment.	No. of properties.	Amount of assessment.	No. of properties.	Amount of assessment.	
		Rs.		Rs.		Rs.	
A.....	55	20,421	°17	27,249	26	†86,208	°This includes 7 properties formerly assessed as land, but now built on.
B.....	2	270	°22	8,789	24	4,688	° Do. 2 do. do.
C.....	9	7,629	°94	53,801	14	3,096	° Do. 19 do. do.
D.....	24	8,610	°38	24,890	23	9,316	° Do. 7 do. do.
E.....	23	38,629	°42	10,582	19	4,012	° Do. 12 do. do.
F.....	16	5,222	*6	987	4	768	° Do. 1 do. do.
G.....	24	7,243	°23	8,833	9	820	° Do. 11 do. do.
Total ...	153	88,024	242	1,35,131	119	1,08,908	

† This includes the assessment of the Government property, Ward Nos. 7006 and 7601, Rs. 34,339 (Jubilee Technical Institute) transferred in E Ward. The corresponding increase is shown in that ward.

R. P. BRUNTON,
Assessor and Collector.

Quarterly Statement as per Corporation's Resolution No. 1270 *of* 1887-88, *for the quarter ending* 30*th September* 1889.

Ward.	No. of new properties assessed during the quarter with the total amount of assessment fixed for the same.		No. of previously existing properties, the assessments of which have been increased during the quarter, and the total amount of the increased assessment.		No. of previously existing properties, the assessments of which have been reduced during the quarter, and the total amount of the reduced assessment.		REMARKS.
	No. of properties.	Amount of assessment.	No. of properties.	Amount of assessment.	No. of properties.	Amount of assessment.	
		Rs.		Rs.		Rs.	
A.....	4	1,488	°11	15,224	9	4,567	°This includes 2 properties formerly assessed as land, but now built on.
B.....	7	492	°21	15,047	17	5,203	° Do. 5 do. do.
C.....	...	.....	°32	18,122	55	23,240	° Do. 7 do. do.
D.....	18	13,396	°34	15,072	4	1,172	° Do. 4 do. do.
E.....	36	50,319	°37	25,608	39	5,223	° Do. 17 do. do.
F.....	14	15,492	°17	10,936	12	2,352	° Do. 4 do. do.
G.....	20	5,610	°22	9,162	11	1,264	° Do. 3 do. do.
Total...	99	86,797	174	1,09,171	147	43,021	

R. P. BRUNTON,
Assessor and Collector.

Proposed by Thomas Blancy, Esq., seconded by Fazalbhai Visram, Esq.—

"That letter No. 15113, dated 16th December 1889, from the Commissioner, forwarding statements of assessment of properties for the quarters ended 30th June and 30th September last, be *recorded*."

No. 6527.

Carried.

Considered letter No. 5097, dated 11th December 1889, General Department, to the President, as follows :—

SIR,—With reference to your letter No. 3773, dated 18th September last, on the subject of the treatment in Bombay of patients attacked by epidemic diseases, I am directed to forward herewith for your information copies of a letter No. 8660, dated 8th ultimo, from the Surgeon-General with the Government of Bombay, and its accompaniments, and to intimate that Government trust that the Municipality will take early measures to carry into effect the suggestions made by Dr. Pinkerton in paragraph 2 of his letter.

2. I am to add that the reports of the medical experts clearly show that it is not practicable to adopt the steps proposed by the Corporation, and that it is most undesirable as a rule to admit into General Hospitals patients suffering from such diseases as cholera, small-pox, and relapsing fever.—I have, &c., J. DE. C. ATKINS, Acting Under-Secretary to Government.

Letter No. 8660, dated 8th November 1889, from the Surgeon-General with the Government of Bombay to the Secretary to Government, General Department, stating that "the medical profession, sanitarians and nearly all public bodies connected with affairs of public health, have laid it down as an axiom, that general hospitals shall not be used for infectious diseases; and in the United Kingdom, cities make separate provision for the reception and treatment of such diseases in hospitals specially set apart for the purpose; that small-pox, cholera, and infectious fevers, such as relapsing fever, should not be admitted into the J. J. Hospital or the Gokaldas Tejpal Hospital; that the Municipality of Bombay should maintain a small permanent establishment at one of the Municipal hospitals referred to in the President of the Corporation's letter, and that it should be enlarged as occasion arises. There should always be six beds ready in these, with bedding, clothing and medicine for 24 patients. As regards the European General Hospital, the circumstances are somewhat exceptional and for the present it is expedient to continue admitting infectious diseases to the detached wards set

apart for the purpose in the European General Hospital compound. This procedure is contrary to what is an accepted principle, but it would be very expensive to have a special infectious diseases hospital for Europeans, and the number of such cases among Europeans who seek hospital relief is still very small.

Letter No. 113, dated 22nd October 1889, from Brigade-Surgeon A. N. Hojel, Physician in charge European General Hospital, to the Surgeon-General, stating that it is a great mistake to admit contagious and infectious diseases to a general hospital. Apart from the danger, the moral effect on the ordinary patients is certain to have a deleterious influence. In 1883 Mr. Hojel moved Government to close the contagious diseases wards in the compound of the Gokaldas Tejpal Hospital, and he hopes a similar course will soon be followed in the European General Hospital.

Letter No. 383, dated 4th November 1889, from Brigade-Surgeon Wellington Gray, Senior Medical Officer in charge J. J. Hospital, to the Surgeon-General, stating that people suffering from infectious and epidemic diseases should not be admitted to a large general hospital, and that it is the duty of the Municipality of Bombay to provide accommodation for all cases occurring within the limits of the city. And it is hardly correct to say, as the President of the Corporation does, that in the case of the J. J. Hospital cholera patients always have been, and are still being received without question day and night. As long as Brigade-Surgeon Gray has known the hospital, there has been a perpetual protest against the reception of cholera and small-pox cases. There is danger in having these and similar cases within the precincts of a large general hospital, and on at least one occasion during the current year, the patients were on the verge of a panic in consequence of relapsing fever having been communicated to other patients in the hospital ward. The importer of the disease belonged to the family of a Municipal sweeper. If the present practice is to be continued, it is useless saying that the Municipal hospital at Grant and Arthur Roads will be maintained. They are never ready for the reception of cases. As a rule, when epidemic disease increases, it is after repeated applications and protests that the J. J. hospital is in part relieved from the burden and danger of having to accommodate the

cases. During the last dry season so difficult was it to rouse the Municipal authorities to a sense of their responsibilities that he was forced to prepare two sheds and to pitch six tents for the accommodation of the relapsing fever and small-pox cases which poured in daily, the Municipal Hospitals all the while remaining empty. Adding that the proposal to make a small contribution in times of epidemic, to assist the J. J. Hospital, will in no way meet the objections that have been raised. It is not a contribution that is required—it is the relief of this and other general hospitals in Bombay from the burden and danger of accommodating cases of infectious and epidemic diseases.

Letter No. 272, dated 12th October 1889, from Surgeon-Major Parakh, the Medical Officer in charge Gokaldas Tejpal Hospital to the Surgeon-General, stating that it is very undesirable to utilize the building in the compound, now used for the reception and treatment of out-patients for accommodating patients suffering from contagious diseases. The reasons which led Government to sanction the closure of the infectious wards and their conversion into those for out-patients hold good now, and could be urged with greater force in the interest not only of the hospital patients but of the public. Moreover the fact of such cases being admitted will deter many patients from making use of this hospital. The out-patients' dispensary is not only too near the main hospital building and the hospital kitchen, but also near a large thoroughfare, the Carnac Road, and it would be defying all sanitary laws if it were converted into an infectious diseases hospital. The hospital is also surrounded by large educational institutions on all sides. This building ought not therefore to be utilized in the manner recommended by the Municipality. The same objections will of course apply to any new building that may be proposed to be built in the same compound for the reception of cases of contagious diseases.

Proposed by Thomas Blaney, Esq., seconded by Maneckji B. Dadabhai, Esq.—

"That the Commissioner be requested to obtain from the Health Officer an estimate of the cost of maintaining an establishment at one of the Municipal hospitals at Grant Road or Arthur Road, with 6 beds always ready for use, together with full equipment of medicines, clothing, bedding, &c., for 24 patients."

No. 6528.

Carried.

Considered again letter, dated 1st March 1889, from Mr. Dinshaw Kavasjee Pochkhanawalla and others, complaining of the erection of a stable by one Kaikhusroo Meherban Iranee in the vicinity of their properties situated in Karelwadi, Thakurdwar Road, and asking that the street in question may be taken over by the Municipality.

Also letter, dated 23rd December 1889, from ditto, asking for a reply to his above letter.

Read memorandum No. 15380, dated 19th December 1889, from the Commissioner, forwarding the following memorandum No. 10786 B, dated 26th September 1889, from the Acting Executive Engineer :—

"The street known by the name of Merwanjee Panday Street, is a private one as defined by the Municipal Act. It has a width varying from 15 to 25 feet. There is no set back line marked for this street on the Revenue Survey plan, and there is nothing on record to show that a set-back for a 25 foot road was ever enforced. The street was repaired at the owner's cost in the year 1881, but was not taken charge by the Municipality and declared public. However, if the owners of the adjoining properties are now willing to bear the cost of levelling, metalling, or paving, draining and lighting the street, the Commissioner may thereafter declare the same public and then lay down a street improvement line."

The Commissioner in his above memorandum states : "It seems probable that the builder of the stable has encroached on land which does not belong to him and which was equally probably intended by the late Mr. Panday as a 25" accommodation passage, but I have no reliable information on the subject. In any case the land does not belong to the Corporation. The parties interested in or annoyed by the new building have (as is not unfrequently the case) applied to me and to the Corporation instead of resorting to a Civil Court for the enforcement of such rights as they may have."

Proposed by Thomas Blaney, Esq., seconded by Fazulbhoy Visram, Esq.—

"That, with reference to their letter, dated 1st March 1889, Mr. Dinshaw Kavasji Pochkhanawala and others be informed that no encroachment has been made on Municipal land at Karelwadi by the owner of new building thereat, and that, as the street known by the name of Merwanji Panday Street is a private one, no improvement line has been laid down there. If the owners of properties in Panday Street are willing to bear the cost of levelling,

metalling, or paving, draining and lighting the said street, it may thereafter be declared public and a street improvement line laid down."

Amendment moved by Kaikhosro N. Kabraji, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6529. "That all papers and communications between the Municipality and the inhabitants or property holders of Merwanji Panday Street, commencing from the year 1879 up to date, be produced and placed on the table within one week, and that the consideration of item No. 7 of the agenda paper for to-day's meeting be postponed."

On a division, the *amendment* was carried as a substantive proposition.

Considered petition, dated 25th August 1889, to the President, from Messrs. Lakshmikant Ramchandra, Venkatesh Mahadeo Kelkar regarding Zaoba's oart.

Also resolution of the Standing Committee, No. 5572, dated 23rd December 1889.

Proposed by Thomas Blaney, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

No. 6530. "That, with reference to their petition, dated 25th August 1889, Messrs. Lakshmikant Ramchandra, Venkatesh Mahadeo Kelkar, and other residents of Zaoba's oart be informed that the house sullage connections in the oart have now been taken in hand and will be finished about the end of this month. As the oart is a private one, the owners must themselves provide lights and privy accommodation ; the drains are also private and can only be cleaned by the Health Department on a requisition from the owners."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal U. Yajnik, Esq.—

No. 6531. "That the following be *recorded*:—Letter No. 5113, General Department, dated 12th December last, to the President, from Mr. Acting Under-Secretary Atkins, forwarding a card of invitation to the ceremony of the opening of the Rangoon Drainage works by H. R. H. Prince Albert Victor of Wales, &c."

Carried.

The meeting was then adjourned.

BOMBAY, *30th January* 1890.

AT the meeting of the Corporation, called for this day, for consideration and final approval of the by-laws of the Joint Schools' Committee, there were present :—

GRATTAN GEARY, Esq., *President.*

BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; MANEKJI BEHRAMJI DADABHAI, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London).

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

Dr. R. N. Khory drew the President's attention to the fact that there was not a quorum. The Secretary, having counted the members, reported that only 13 were present.

The President adjourned the meeting for want of a quorum until 3. P.M., on Saturday, the 1st proximo.

BOMBAY, *1st February* 1890.

AT the adjourned Meeting of the Corporation (originally called for 30th ultimo, and adjourned from that day for want of a quorum) held this day, for the consideration and final approval, under the provisions of Section 465 of the Municipal Act, of the By-laws of the Joint Schools' Committee, there were present :—

GRATTAN GEARY, Esq., *President.*

THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; FAZALBHAI VISRAM, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHOY, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZE-SHAH MERWANJEE MEHTA, Esq.

The MUNICIPAL SECRETARY.

The signing of the minutes of the adjourned ordinary and adjourned Special Meeting held on the 30th ultimo, and of the record of the meeting called for that day was postponed.

Considered the following :—

JOINT SCHOOLS' COMMITTEE BY-LAWS.

By-laws made by the Municipal Corporation of the City of Bombay, under Section 461 (*u*) of the City of Bombay Municipal Act, 1888, assigning the functions of the Joint Schools' Committee under Sub-Section (10) of Section 39 of the said Act, regulating the exercise by the said Committee of its functions so assigned, and of the functions assigned to it under Sub-Section (9) of the said last mentioned Section, and regulating the administration by the said Committee of the School Fund, passed by the Corporation at their Meeting of the 1890 and confirmed by the Government of Bombay on the

General system of Administration.

1. In the administration of the City of Bombay Municipal Primary Schools, the principles and system of school management, the course of instruction to be followed, and the rates of salary to be given to the various grades of masters shall be those hitherto adopted under the authority of Government: Provided that, with the previous sanction of the Corporation, the Joint Schools' Committee may adopt such modifications therein as may be found to be necessary or desirable, reporting such modifications to the Director of Public Instruction. In case of any difference of opinion arising between the Joint Schools' Committee and the Director of Public Instruction in regard to any such modification, there shall be an appeal to Government, whose decision shall be final and conclusive.

Provision of Schools.

2. Municipal Primary Schools shall, subject to the proviso in By-law 1, be provided for all castes and classes of the community, and shall be open to inspection and examination at all times by the Government Inspecting Staff.

Pension Contribution.

3. Every member of a school establishment who has been or may be transferred from the Educational Department, and who is in receipt of a salary which would entitle him to pension under the Uncovenanted Service Rules, shall be deemed to continue to be a member of the Educational Service of the Presidency, and the Joint Schools' Committee shall contribute to Government for his pension to such extent as may be required by the rules in this behalf from time to time in force; and in all questions relating to pension, leave and pay and acting allowances, the rules from time to time in force for the Government Uncovenanted Service shall be applicable to such member.

Certificated Teachers.

4. In the Municipal schools those persons only shall be employed as teachers who hold certificates of qualification recognized by the Educational Department or who are already in receipt of pensionable pay under Government so long as such teachers are procurable. It shall be incumbent on the Joint Schools' Committee engaging a teacher as aforesaid to make provision for his pensionary rights in accordance with the rules in this behalf from time to time prescribed by Government. In filling up places of non-pensionable pay, the Joint Schools' Committee shall give the preference to those who have passed an examination qualifying for the Public Service or who have been useful teachers.

Powers of Joint Schools' Committee over all School Establishment.

5. Subject to Rules 3 and 4, the appointment, promotion, punishment, suspension and dismissal of all members of the establishments of the Municipal schools shall rest with the Joint Schools' Committee: provided that no officer in receipt of a salary exceeding ten rupees per month shall be dismissed except by a resolution of the Joint Schools' Committee at which 5 members at least shall vote for such dismissal: provided also that no teacher transferred from Government service shall be dismissed except with the consent of the Director of Public Instruction or the Educational Inspector.

6. All changes made with the previous sanction of the Corporation by the Joint Schools' Committee in the scale of school-fees payable in the Municipal schools, or in the rules of the Educational Department as regards free students shall be reported to the Director of Public Instruction, and in case of any difference of opinion arising between the Joint Schools' Committee and the Director of Public Instruction in regard to any such change, there shall be an appeal to Government, whose decision shall be final and conclusive.

School-fees.

7. With a view to the development of private enterprise in education and to the making of the adequate provision for aiding schools for primary education required by law, the Joint Schools' Committee shall keep a register of schools in Bombay which apply for grants-in-aid, and shall, as far as the funds appropriated to this purpose will allow, administer aid to such schools as comply with the necessary conditions in accordance with the provisions of the Government Grant-in-aid Code, subject to such modifications, if any, as may be made in the said code from time to time by the Joint Schools' Committee, with the sanction of the Corporation. Provided that all such modifications as are hereinbefore referred to are reported to the Director of Public Instruction, and in the event of any difference of opinion regarding them arising between the Joint Schools' Committee and the Director of Public Instruction, are approved by Government.

Grant-in-aid Schools.

8. It shall be incumbent on the Joint Schools' Committee to make efficient arrangements for the periodical visiting and supervision of every Municipal school, and for the examination in accordance with the rules of the Grant-in-aid Code with a view to the administration of grants-in-aid of every primary school registered by the Committee for the receipt of grants-in-aid.

Visiting, inspection and examination of Municipal and Aided Schools.

9. A detailed statement of all employés in the Municipal schools with their salaries and all other items of recurring expenditure, shall be maintained by the Joint Schools' Committee, and shall be at all times open to the inspection of the Government Educational Inspector, and the Joint Schools' Committee shall furnish all returns, statistics and any other information relating to the Municipal schools which may be called for by the Director of Public Instruction, or by the Corporation.

Statistics and information.

10. The School Fund defined in Section 120 of the Act shall be administered by the Joint Schools' Committee in accordance with an annual Budget Estimate of receipts and charges to be drawn up in the form No. 1 hereto annexed.

Annual Budget Estimates.

11. In framing the Budget Estimate the Joint Schools' Committee shall provide for the Committee's having at its credit at the end of the official year a balance of not less than ten thousand rupees. The Budget Estimate shall be prepared on or before the tenth day of October, and the Joint Schools' Committee shall inform the Municipal Commis-

Municipal Contribution from General Revenue.

sioner on or before the fifteenth day of October, of the amount of contribution required from the Municipal Fund to enable the Committee, with the other receipts, to make up the total amount of income required for the purposes of the Budget, and the Municipal Commissioner shall include such amount in his estimate of expenditure to be laid before the Standing Committee under Section 125 (*a*) of the Act. As soon as may be after the adoption by the Corporation of "Budget grant" for primary education, the Budget Estimates shall be reconsidered and passed by the Joint Schools' Committee, and a copy thereof shall be forwarded to the Municipal Secretary, to the Municipal Commissioner, the Educational Inspector, and to the Director of Public Instruction.

The School Fund.

12. The School Fund shall be kept in the same Bank in which the Municipal Fund is kept under Section 112 of the Act.

Disbursements from School Fund.

13. All disbursements from the School Fund shall be effected by the Chairman of the Joint Schools' Committee in accordance with the provisions of Sections 39 and 40 of the Municipal Act, and for this purpose a quarterly statement of the charges to be defrayed during the quarter in accordance with sanctioned rates and the Budget provision shall be submitted by him to the Joint Schools' Committee for sanction in Form No. 3 hereto annexed.

Procedure at Meetings of the Joint Schools' Committee.

14. The Joint Schools' Committee shall meet together and shall from time to time make regulations consistent with the Act, and with these rules with respect to the place, day, hour, notice, management and adjournment of such meetings, and generally with respect to the transaction of business as they think fit, subject to the following conditions, namely :—

(1.) That one meeting at least shall be held in every month for the disposal of general business.

(2.) That the Chairman may, at any time, and shall, upon the written request of any three members, call a special meeting.

(3.) That 48 hours' notice at least shall be given of every meeting and of the business to be transacted thereat.

(4.) That no business shall be transacted at any meeting unless at least three of the members are present from the beginning to the end of such meeting.

(5.) That every meeting shall be open to the public unless a majority of the members present deems any inquiry or deliberation pending before the Joint Schools' Committee such as should be held in private.

(6.) That the Secretary shall keep minutes of the names of the members present and of the proceedings at each meeting in a book to be provided for the purpose, and shall furnish each member with a copy of such minutes.

15. The accounts of the Joint Schools' Committee shall be audited by the Municipal Auditors, and after audit, copies of the said accounts shall be submitted to the Corporation and to the Director of Public Instruction.

FORM NO. I.

BUDGET ESTIMATE OF THE CITY OF BOMBAY MUNICIPAL SCHOOL FUND FOR THE YEAR 18 .

RECEIPTS.	Estimate, 18	*Revised* Estimate, 18	Actuals, 18	Estimate of 18 compared with 18 . Increase.	Estimate of 18 compared with 18 . Decrease.	EXPENDITURE.	Estimate, 18	Estimate, 18	Actuals, 18	Estimate of 18 compared with 18 Increase.	Estimate of 18 compared with 18 Decrease.
1. Estimated balance on the 1st of April 18 .						A.—SCHOOLS.					
2. Government Grant to Primary Education.						1. Head Masters and Teachers					
3. Fees from Municipal Schools						2. Servants					
4. Contribution from the General Municipal Fund						3. Travelling Allowances					
5. Government Grants-in-aid towards Buildings.						4. Rent					
6. Interest on Endowments or Investments.						5. Cost of Class Books ..					
7. Miscellaneous ...						6. School Furniture ...					
						7. Prizes					
						8. Contingencies and Miscellaneous ...					
						9. Scholarships in Schools					
						10. Stipends of Students under training as VernacularTeachers					
						11. Inspection and Supervision					
						12. Grants-in-aid to Primary Schools ...					
						B.—BUILDINGS.					
						1. Municipal Original Works					
						2. Repairs to Municipal School Houses ...					
						Balance on 31st Mar. 18 .					
Total...Rs.						Total...Rs.					

Chairman, Joint Schools' Committee.

Secretary, Joint Schools' Committee.

OFFICE OF JOINT SCHOOLS' COMMITTEE,
Bombay,

LIBRARY OF THE BOMBAY BRANCH OF THE R.A.S. SOCIETY.

Memorandum showing how the Estimated Balance on the April 18 , has been arrived at.

Actual balance on the 1st April 18 ... ... *Rs.*

Add—Estimated receipts for 18 ... ... ,,

Deduct—Estimated expenditure for 18 ... ... *Rs.*

Estimated balance, 1st April 18 ... ... *Rs.*

Chairman,
Joint Schools' Committee.

Secretary.

FORM NO. II.

BUDGET ESTIMATE OF THE CITY OF BOMBAY MUNICIPAL SCHOOL FUND FOR THE YEAR 18 .

Re-appropriation Statement of Budget Grant.

Items requiring Re-appropriation.				Budget Item from which Re-appropriation is proposed.		
Budget Head.	Particulars.	Amount of sanctioned Estimate.	Amount of proposed Re-appropriation.	Budget Head.	Item of Budget Estimate.	Amount.
		Rs.	Rs.			Rs.

OFFICE OF JOINT SCHOOLS' COMMITTEE,
Bombay,——————18 .

Chairman, Joint Schools' Committee.

Secretary, Joint Schools' Committee.

FORM No. III.

QUARTERLY STATEMENT of EDUCATIONAL CHARGES on account of Municipal Primary Schools in the City of Bombay for the Quarter from_____18____, to_____18____, inclusive, as per By-law 17 of the Joint Schools' Committee By-laws under the City of Bombay Municipal Act, 1888.

Name and Locality of School.	Description of charge. (If an Establishment charge, description of appointment and other particulars to be entered).	Amount of Monthly Charge.	Increase over last Quarter.	Decrease below last Quarter.	REMARKS.

OFFICE OF JOINT SCHOOLS' COMMITTEE,
*Bombay,*_____18 .

Secretary, Joint Schools' Committee.

Chairman, Joint Schools' Committee.

Proposed by Thomas Blaney, Esq., seconded by Narayan Ganesh Chandawarkar, Esq.—

"That the by-laws, framed under the authority of Section 461 (*u*) of the Municipal Act, assigning the functions of the Joint Schools' Committee under Sub-section 10 of Section 39 of the said Act, regulating the exercise by the said Committee of its functions so assigned and of the functions assigned to it under Sub-section 9 of the last mentioned section, and regulating the administration by the said Committee of the School Fund under Sub-section 7 of the same section, be finally approved and submitted to Government for confirmation."

No. 6610.

Carried.

This concluded the business of this meeting.

BOMBAY, 13*th February* 1890.

AT the ordinary Monthly Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; ELLAPA BALARAM, Esq.; FAZALBHAI JUMABHAI LALJEE, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; GOVARDHANDAS G. TEJPAL, Esq.; A. M. GUBBAY, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSHEDJEE KHARSEDJEE KAMA, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; MANEKSHAH J. TALEYARKHAN, Esq., B.A., LL.B.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH MERWANJEE MEHTA, Esq.; RAGHUNATH NARAYAN KHOTE, Esq., C.I.E.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London).; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the adjourned ordinary and adjourned special meetings held on the 23rd and 30th ultimo, and of the adjourned meeting held on the 1st instant, and the record of the meeting *re* Joint Schools' Committee By-laws, on the 30th ultimo, were signed.

With the consent of the meeting, the President, under the terms of No. 4 of the Rules, gave priority to item No. 20 on the agenda paper, *viz.*, letter as under, dated 31st January last, to the President, from the Hon'ble Mr.

Lyttelton H. Bayley, Chairman of the Meeting held on the 29th idem, *re* reception in Bombay of H. R. H. Prince Albert Victor of Wales :—

SIR,—At a meeting of the representatives of the various communities of Bombay, which was held at the Chamber of Commerce rooms on Wednesday, the 29th instant, for the purpose of discussing what steps should be taken to arrange a suitable reception for Prince Albert Victor of Wales, and which was largely and influentially attended, the following resolutions were passed :—

"I. That it is desirable to ask the Corporation to postpone their fête.

"II. That the Corporation be invited to join the public in arranging a suitable reception for H. R. H. Prince Albert Victor of Wales."

I have the honour to ask that these resolutions may receive the favourable consideration of the Corporation, and that an early determination may be arrived at, so that a public meeting may be called without delay.—I have, &c., LYTTELTON H. BAYLEY, Chairman of Meeting.

Proposed by Pherozeshah M. Mehta, Esq., seconded by Captain Sir Henry Morland—

"1. That the Corporation will cordially co-operate in giving a suitable reception to H. R. H. Prince Albert Victor of Wales.

No. 6859.

"2. That the question of the method in which the Corporation should co-operate with the general public in arranging for the reception be deferred until the Corporation have received the report of their Committee, and until it is known what the views are of the Committee appointed at the public meeting held in the Town Hall.

"3. That the Hon'ble Mr. Bayley be informed accordingly."

Carried unanimously.

Proposed by K. M. Shroff, Esq., seconded by Bhalchandra K. Bhatawadekar, Esq.—

"That the following be *recorded* :—Memorandum No. 17751, dated 18th January 1890, from the Commissioner, stating that on the 13th idem Mr. Ellapa Balaram was elected a Councillor by ratepayers in place of Mr. Nanabhoy B. Jeejeebhoy, resigned.

No. 6860.

"Government Resolution No. 263, General Department, dated 17th idem, stating that His Excellency the Governor in Council is pleased to appoint Mr. J. P. Cornforth to be a member of the Corporation in place of Mr. H. C. Burder, resigned."

Carried.

Proposed by Captain Sir Henry Morland, seconded by A. M. Gubbay, Esq.—

"That, in accordance with Section 17 (*b*) of the Municipal Act, the Corporation accept the reasons for the temporary absence of Mr. J. S. Alston, on account of indisposition, and of Mr. Harold R. King consequent on his having had to proceed to Hyderabad (Deccan) and elsewhere on the business of his firm; as explained in letters of 10th ultimo and 1st instant, respectively, from Mr. Alston and Mr. King."

No. 6861.

Carried.

Proposed by Thomas Blaney, Esq., seconded by Shivaji Dhurmaji, Esq.—

"That letter No. 6535, dated 31st ultimo, from the Municipal Secretary, to the President, reporting the Budget transfers sanctioned by the Standing Committee up to 29th idem, Rs. 72,010-9-7, as under, be *recorded*:—

		Rs.	a.	p.
(1)	Transfer from savings in Section I., Establishment, and Section II., Contingencies and Stores (feed of animals) A., Victoria Gardens, Public Gardens Budget, to Section IV., repairs and new works (roads, same head, same Budget) to meet the cost of making new roads on the site of the old quarry hole in the Victoria Gardens	1,125	0	0
(2)	Transfer from savings in the grants for a new night-soil depôt at the south end of DeLisleRoad, and for vaccination quarters and stables, to the grant for a new night-soil depôt at the north end of DeLisle Road, to meet the cost of land required for the depôt and of filling in the land...	20,782	0	0
(3)	Transfer from savings in Section II., E., Lighting public latrines and urinals with gas, Engineer's Budget, to Section III., A., Lighting streets with kerosine oil, and C., Contingencies, same head, same Budget, to meet the cost of putting up kerosine oil lamps for lighting public latrines and urinals and of lighting the lamps up to the end of the current financial year	450	0	0
(4)	Transfer from savings in Section V., repairing old levels and theodolites, Engineer's Budget, to Section VI., waterproof coats, same Budget, to meet the difference in the price between Budget provision and contract rate ...	5	9	7
(5).	Transfer from savings in Section I., purchase of materials, B., road repairs and maintenance, Engineer's Budget, to Section II, cart hire and labour, Rs. 17,500, Section IV, maintenance of steam rollers, Rs. 4,067, and Section V., stores and contingencies, Rs. 3,456, to meet excess up to the end of the current financial year on account of labour, maintenance of steam rollers, stores and contingencies	25,023	0	0
	Carried over...	47,385	9	7

		Rs	a.	p.
	Brought forward...	47,385	9	7
(6)	Transfer from savings in the grants for purchase of open spaces and for proposed Cholera Hospital, New Works, to Section II., coal, maintenance of Love Grove Pumping Station, Engineer's Budget, to meet excess over the grant for coal, caused partly by the difference between the Budget provision and the contract rate and partly by the increase in consumption in pumping out water from the old drain which was admitted during the S.-W. monsoon	24,500	0	0
(7)	Transfer from savings in Section I, Establishment, Fire Brigade Budget, to Section IX, rent of quarters hired for the Engineer and men of the Fort Fire Engine Station, same Budget, to meet the difference between Budget provision of Rs. 225 per month, and the increased rent of Rs. 250 per mensem, for the said quarters up to the end of the current financial year	125	0	0
	Total... Rs.	72,010	9	7"

Amendment, moved by Pherozeshah M. Mehta, Esq., seconded by Amirudin Tyabji, Esq.—

No. 6862. "That the Budget transfers included in the statement accompanying the Municipal Secretary's letter No. 6535, dated 31st January last, with the exception of items 2, 5 and 6, be *recorded*.

"That, with reference to those 3 items, the Standing Committee be requested to take the previous decision of the Corporation on each item specifically."

On a division the amendment was *carried* as a substantive motion by 24 votes (against none).

Proposed by Thomas Blaney, Esq., seconded by J. R. Duxbury, Esq.—

No. 6863. "That, as recommended by the Standing Committee in their Resolution No. 5754, dated 3rd January last, sanction be given to the writing off of Rs. 1,150-4-8, from the Live Stock Return of the Health Department, being the book value of 18 bullocks that died, and 1 that was destroyed, total 19, during the quarter ending 31st August last."*

Carried.

* *Causes of Death.*—8 old age and general debility, 2 flatulent colic, 1 from the effects of horn, 1 disease of horn and general debility, 2 inflammation of heart and general debility, 1 abscess in the liver, 1 rinderpest, 1 abscess in the spleen and general debility, 1 inflammation of heart, lungs and kidney, 1 destroyed. Total died and destroyed, 19 bullocks. *Locality where invalidating took place.*—14 Sankli Tank Hospital, 2 C ward stable, 1 D ward stable, 1 G ward stable, 1 destroyed—Total 19. Annual percentage of the loss on the whole strength of bullocks, 4·2.

Proposed by Thomas Blaney, Esq., seconded by Surgeon-Major G. A. Maconachie—

No. 6864. "That, as recommended by the Standing Committee in their Resolution No. 6214, dated 22nd January last, sanction be given, pending the raising of the necessary loan, to the payment of an advance of Rs. 97,930, from available balances, to provide for the execution of the following works at Malabar Hill Reservoir, sanctioned by the Corporation in their Resolution No. 2486, dated 8th July 1889 :—

"For providing an asphalt or concrete surface to the floor of the settling basin, Rs. 75,000; Provision of turbine, overflow and sludge pipes, Rs. 11,500; cushions for outlet of filters, Rs. 9,800; repointing walls of distributing basin, Rs. 1,630—total Rs. 97,930."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 6865. "That the Resolution of the Standing Committee, No. 5857, dated 8th January last, as under, be *recorded*:—'That, with reference to their Resolution No. 4664, dated 30th October last, the Corporation be informed that the estimated cost of constructing the road from Mount Road to Matharpakhadi *via* Rose Cottage Lane, shown on the plan attached to the Commissioner's letter No. 16309, of this day's date, at B, D to C, E, is as follows :—Cost of 15,822 square yards of land, or thereabout, as site for road, 40′ in width with frontages on the north side thereof, one hundred feet in depth (as coloured in yellow on the plan), at Rs. 3 a yard, Rs. 47,466; cost of construction of road, Rs. 8,132—total Rs. 55,598. That of the above area, 11,555 square yards will be available for resale when the road is made. That the Standing Committee are unable to recommend the Corporation to incur the cost of making the proposed road at present.'"

Carried by a majority.

Considered the following letter No. 15921, dated 6th ultimo, to the Municipal Secretary:—

SIR,—Under Section 289 of the Municipal Act, I have the honour to request the sanction of the Corporation to the extension of Borah Cross Lane, Colaba, as shown in blue in the accompanying tracing, inasmuch as this extension is estimated to cost more than Rs. 5,000. It is not proposed to incur any immediate expenditure, but merely to take advantage of houses being rebuilt just as is now done in ordinary set-back cases.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by J. P. Cornforth, Esq.—

No. 6866. "That, as applied for by the Commissioner in his letter No. 15921, dated 6th January last, sanction be given, under Section 289 of the Municipal Act, to the extension of Borah Cross Lane, Colaba, as shown in blue colour in the tracing* accompanying the Commissioner's above letter."

Carried.

Considered letter No. 16090, dated 6th ultimo, to the Municipal Secretary, as under :—

SIR,—Under the terms of Section 291 (*a*) of the Municipal Act, I have the honour to request the sanction of the Corporation to lay out a new street between Lady Jamsedji Road and Matunga as shown in red lines on the accompanying tracing.

It is necessary to lay down this line because building plans have been received and returned.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by J. R. Duxbury, Esq.—

No. 6867. "That, as applied for by the Commissioner in his letter No. 16090, dated 6th January last, sanction be given to the laying out of a new street between Lady Jamsedji Road and Matunga, as shown in red lines on the tracing† accompanying the Commissioner's above letter."

Carried.

At this stage it was moved by Pherozeshah M. Mehta, Esq., and seconded by Amirudin Teyebji, Esq., "that the meeting be now adjourned."

Carried by 26 votes against 6.

The President then adjourned the meeting until 3 P.M. on Monday, the 17th instant.

BOMBAY, 17*th February* 1890.

AT the adjourned Ordinary Monthly Meeting of the Corporation (originally called for the 13th instant, and adjourned from that day), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R DUXBURY, Esq.; J. F. FERNANDEZ, Esq.; REGINALD GILBERT, Esq.; HASAMBHAI VISRAM, Esq.; HARKISONDAS NAROTUMDAS, Esq.; JAMSEDJI KHARSETJI KAMA, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE, M.D.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC.I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC.M.I.C.E.;

* Filed in the Supplement to Minute Books for 1889-90, marked A.

† Filed in the Supplement to Minute Books for 1889-90, marked A.

MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH M. MEHTA, Esq.; PURSHOTUMDAS MUNGULDLS NATHUBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA M. SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); G. W. ROUGHTON, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

The signing of the minutes of the ordinary monthly meeting held on the 13th instant, was postponed.

Considered again letter No. 2831, General Department, dated 19th July 1889, from Mr. Chief Secretary Nugent, to the President, on the subject of the terms for the additional ground taken up for the site of the new Municipal Office building.

Also letter No. 16061, dated 6th January 1890, from the Commissioner, forwarding, with reference to the Corporation's Resolution No. 3091, dated 15th August 1889, copy of the case on the subject and of Counsel's opinion* thereon.

Proposed by Thomas Blaney, Esq., seconded by Pherozeshah M. Mehta, Esq.—

No. 7056. "1. That with reference to Government letter No. 2831, dated 19th July last, General Department, the President be requested to inform Government that, as at present advised, the Corporation are only bound to accept in respect of the land occupied as the site of the new Municipal Office, a lease containing ordinary provisions and the special provisions contained in Government letter No. $\frac{M}{1}$, dated 21st April 1889, Public Works Department, as per margin.

(1). That the lease be for 999 years and reserve the usual annual ground rent of 1 one anna per square yard.

(2.) That for 6,000 square yards out of the total area, payment be made at the rate of Rs. 15 per square yard as originally agreed upon; and for any additional land in excess of that area, payment be made at the rate of Rs. 40 per square yard.

(3.) That the area occupied by the porch be exempt from charge and also from ground rent, provided it be treated under the rules which apply to arcades, that is, that the ground remains the property of Government and is kept open for the use of the public.

(4.) That the triangular space in front of the building at the junction of the Cruikshank and Hornby Roads be likewise exempt, provided that it is not built upon, but is reserved either as a garden space or paved and kept open for the use of the public.

(5.) That the use to which the site or any portion thereof be put be restricted to the purpose of public Municipal offices, but that should the Municipality at any future time seek to apply the site or any portion thereof to any other purpose they shall be at liberty to do so, on payment to Government of the difference between the then market value and the sum now to be paid.

(6). That the whole group of buildings be maintained in proper repair to the satisfaction of the surveyor to Government.

(7.) That the lease be prepared by the Solicitor to Government and the costs thereof be borne by the Municipality.

* Filed as Appendix E to Vol. XIII. of Record of Proceedings.

"2. That sanction be now given to the payment from the Building Fund Investment of Rs. 40 per yard for the 600 square yards, or thereabout, of additional land taken up for the site, or Rs. 24,000.

"3*. That the Corporation feel it incumbent on them to record the opinion that they have not been treated with the fairness and equity in relation to the demand of ground rent, which, as a public body entrusted with public moneys, they had a right to expect at the hands of Government."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7057. "That, as recommended by the Standing Committee in their Resolution No. 5862, dated 8th January last, the Corporation approve of the following receipts being credited to a separate heading in the Municipal Accounts :—All grants made by the Corporation for the maintenance of the Victoria Gardens and the zoological collection therein, as well as all fees for admission, all donations, subscriptions or gifts to the gardens, and the zoological collection, and all garden receipts such as sale of plants, flowers, leaves, fruits, &c., &c.

"That the budgeted expenditure on the gardens and zoological collection be debited to such fund alone."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7058. "That, as recommended by the Standing Committee in their Resolution No. 6439, dated 29th January last, para. 6 (period for raising loans, &c.,) of Government Resolution No. 489 C. W. 2066, Public Works Department, dated 2nd December last, be referred for report to the Committee appointed by the Corporation on the 26th August last, to draw up a representation to Government on the subject of loans and loan funds."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rai Bahadur Luchmon Singh—

No. 7059. "That, as recommended by the Standing Committee in their Resolution No. 6208, dated 22nd January last, permission be granted to Mr. Kashinath

* The third para. of this resolution was proposed by Mr. Pherozeshah M. Mehta and was accepted as part of the original proposition.

Dewji Dhuru to construct and make at his own cost a connecting road across the Tulsi pipe line, in DeLisle Road, at the point shown on the plan* accompanying the Commissioner's memorandum No. 17724, dated 18th idem, between the plots marked C and B respectively, and bounded respectively by red and green lines on the said plan on the following conditions, *viz.* :—

"That the said road or crossing shall not exceed in breadth 30 feet, and that Mr. Kashinath Dewji Dhuru shall, in all respects, make it in accordance with the instructions and to the entire approval and satisfaction of the Commissioner, and take such measures and precautions, and adopt such mode of construction as shall be required and approved of by the Commissioner for protecting the Tulsi main; that Mr. Kashinath pay to the Corporation a monthly rent of Re. 1 for this concession; that the Commissioner have the absolute and undisputed right at any time, and without assigning any reason whatever, of stopping the roadway on giving to the said Mr. Kashinath Dewji Dhuru, his heirs, executors, administrators, or assigns one calendar month's notice in writing to that effect, and that no compensation in such case be paid or be payable to the said Mr. Kashinath Dewji Dhuru in respect of such stoppage, or in respect of any expense he may have incurred, or been put to in the construction of the roadway, or otherwise, and on the further conditions contained in the agreement to be entered into by the said Mr. Kashinath Dewji Dhuru."

Carried.

Considered again letters, dated 28th and 29th August last, to the President, from Mr. Nasarwanji Maneksha, complaining that his services as an Inspector on the Tansa Dam Works have been dispensed with, and making remarks in connection therewith.

Read letter No. 16411, dated 9th ultimo, to the Secretary, as under :—

SIR,—In returning the papers forwarded with your No. 3946, dated 30th September, I have the honour to state for the information of the Corporation that on the 1st May last Mr. Clerke reported that it appeared to him undesirable for Inspector Nasarwanji Manekji to remain any longer on the Tansa dam works, and that there was no other part of the works where his services could be utilized with advantage; Mr. Nasarwanji was therefore informed that his services

* Filed in the supplement to Minute Books for 1889-90, marked A.

would not be required after the close of that working season. At the end of every working season some reductions are made in the temporary staff and Mr. Nasarwanji was treated as leniently as possible.

2. It appears that he was aggrieved because another Parsee Inspector, his junior, but of very superior qualifications, was preferred to him for promotion to a higher post, and possibly this fact may have disordered his mind, as I cannot otherwise account for the very peculiar letter addressed by him to the Corporation.

3. As to the allegations therein contained, so far as they refer to the work, Mr. Clerke informs me that they are without foundation. The papers have been sent to Mr. Clerke, and I attach an extract from his further remarks.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Extract from letter No. 1175, *dated* 16*th December* 1889, *from the Executive Engineer, Tansa Water Works.*

"Mr. Nusserwanjee Maneckshah, in his letter addressed to the Chair-
"man and members of the Municipal Corporation, attributes the
"adverse report made on his services by Mr. Hawkes, to the fact
"that he had been obliged, in the discharge of his duties, to differ from
"that officer on certain points connected with the carrying out of the
"works on the Tansa Dam. I cannot for a moment accept that view.
"I have myself frequently visited the Tansa Works with a view to
"examining the foundations, and I have always found that very great
"care was exercised by Mr. Hawkes before he passed any part of them.
"Mr. Hawkes is certainly more competent to judge of the require-
"ments for the foundations than Mr. Nusserwanjee who displays his
"ignorance wherein one part of his letter under reference he speaks
"of the pressure of the water of such an extensive reservoir full 40
"miles in contour circumference. Had he any knowledge in such
"matters, he would have known that the pressure on a dam has no
"relation to the superficial area of the lake which it impounds. In my
"letter No. 135, dated 1st May 1889, to the address of the Municipal
"Commissioner, forwarding Mr. Hawkes' report, I stated that Mr. Nus-
"serwanjee Maneckshah had been discontented with his then employ-
"ment and was anxious to get to Bombay. I had myself observed latter-
"ly that his heart was not in his work, and his manner at times was
"not what it should have been to his immediate superior officer, and I
"believe Mr. Hawkes had good grounds for being dissatisfied with his
"conduct. Mr. Nusserwanjee quotes an extract from a letter of mine,
"No. 1662, dated 5th March 1889, but the extract as given by him is
"incomplete. It should be—

"'Mr. Nusserwanjee has worked diligently and has, on the whole,
"'given satisfaction in the discharge of the duties he has had to per-
"'form.' But it does not follow from this that he is fitted to fill an
"appointment, the duties of which demand qualifications, which, in the
"opinion of the undersigned, Mr. Nusserwanjee does not possess."

Proposed by Pherozeshah M. Mehta, Esq., seconded by Colonel G. L. C. Merewether—

No 7060. "That letters, dated 28th and 29th August 1889, from Mr. Nasarwanjee Manekshah, late Inspector, Tansa Water Works, and the papers connected therewith, be *recorded*."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 7061. "That the following Resolution of the Standing Committee, No. 5864, dated 8th January last, be approved and *recorded*:—

"That the Committee decline to recommend the Corporation to entertain the application of Bai Perozbai for permission to erect shops on her property immediately adjoining and abutting on the western footpath of the new Byculla overbridge."

Carried.

Considered the following :—

Report of the Committee of the Corporation appointed to advise on the subject of the organization of the Fire Brigade.

The Committee of the Corporation appointed on the 4th April 1889, as per margin, whilst regretting that their report has been so long delayed, beg to state that, in the meantime, many enquiries have been made regarding the organization of the London and other Fire Brigades, and as to the best means of providing for the protection from fire the various districts of Bombay. The information thus obtained has, in effect, answered the purposes for which the Committee was appointed, inasmuch as the Fire Brigade establishment, provided for in the Budget estimate for the ensuing year, should be amply sufficient to provide for a really efficient and sufficiently numerous and thoroughly equipped Brigade.* The cost of the Brigade, as entered in the Budget Estimate for next year, is Rs. 1,50,000, in order to meet which charge the Corporation has imposed the maximum tax leviable under the Municipal Act, namely, ¾ per centum on the annual rateable value of property.

"That a Committee consisting of the following gentlemen be appointed to consider and report on the Fire Brigade as to what they consider the best organization, establishment and scale of pay for the Brigade. The Committee to have power to call for Municipal persons and papers and to take professional opinions.

"Major H. O. SELBY,* R.E., *Chairman*; Mr. E. B. CARROLL, Mr. T. BLANEY, Mr. G. COTTON,† KHAN BAHADUR MUNCHERJI C. MURZBAN, Colonel MEREWETHER, R.E., Mr. DOSABHAI FRAMJI, C.S.I."

* Resigned, 13th April 1889.

† Mr. Cotton is temporarily absent from Bombay.

As this outlay should be sufficient to place the Brigade in a fairly efficient condition, the Committee cannot submit any further suggestions involving a further increase of expenditure on this head.

They concur, however, with the recommendation which, it is understood, is about to be made to the Corporation by another Committee to the effect that, in order to provide for the efficient training and disciplining of the new force, and to ensure that its operations at fires shall be really efficiently conducted, special means should be taken to engage the services of a first class officer to organize and discipline

* 138 persons in all, including 8 for superintendence and 6 Engineers.

the Brigade at the outset, a higher salary if necessary than that entered in the schedule (Rs. 500 per mensem) being paid during such period as he may be engaged in the work of organization and training.

THOMAS BLANEY, G. MEREWETHER, E. B. CARROLL,
DOSABHAI FRAMJI, MUNCHERJI C. MURZBAN.

BOMBAY, 29*th January* 1890.

Proposed by Thomas Blaney, Esq., seconded by G. W. Roughton, Esq.—

No. 7062. "That report, dated 29th January 1890, of the Committee of the Corporation appointed to consider and report on the organization of the Fire Brigade, be *recorded.*"

Carried.

Read the following :—

GRATTAN GEARY, Esq.,
President of the Municipal Corporation, Bombay.

SIR,—We, the undersigned Sunni Mahomedans of Bombay, forming nearly nine-tenths of the Mahomedan population of the city, bring to your notice the following religious objections against the removal of the present Mahomedan burial grounds, which you will lay before the Committee appointed for the purpose, as well as before the Corporation, when the question comes before that body for consideration.

2*nd.* We are confident that in a question of such grave importance and magnitude, a question concerning directly the religious ceremonies and observances attendant upon Mahomedan burials, the Corporation will not interfere.

3*rd.* We understand that it is intended to select Worlee or Hooseinabad at Mazagon as places for the future burial grounds of the Mahomedans.

4*th.* Against this proposal we have, among others, the following religious objections :—*Firstly.*—It is our religious precept that the coffin containing the corpse of a Mahomedan should be borne to the burial ground on the shoulders of the relatives of the deceased (*vide Kifaya*), and unless the burial ground is within a circumference of utmost a mile from the Mahomedan quarters of the city, it would be quite impossible to take the coffin to the burial ground on the shoulders of the relatives of the deceased. Besides our coffins are required to be covered over with wooden net-work, and so constructed as to admit of the change of shoulders while in motion, they necessarily become heavier in weight than those of other communities. *Secondly.*—Our religion requires that the corpse of a Mahomedan should be buried within as short a time as possible, and on the way to the burial ground no halt should be made (*vide Hidaya*), and, in this short time, the corpse has to be bathed according to our religious observances, embalmed with spices and dressed. After this, it is visited by the friends and relatives of the deceased, taken to the burial ground, and before it is buried in the tomb, a prayer is offered in *congregation* for the soul of the deceased. *Thirdly.*—Now, if the burial grounds were at Worlee or Mazagon, and the Mahomedans of the whole city required

to take the corpses to the abovementioned places, the coffins containing the corpses could not be taken there *on the shoulders*, nor a prayer offered in *congregation*. *Fourthly*.—The only alternative course would be to use carriages or some kind of conveyances, drawn by animals, which our religion strictly forbids to use for such purpose. It is, on this account, that in all cities of the world where Mahomedans reside, their burial grounds are in and near the cities, so that the coffins can be borne to the burial grounds on the shoulders, and all other religious observances and ceremonies duly practised. And it was on this account that we, the Mahomedans of Bombay, purchased the costly land at Sonapur from Marine Lines to Churney Road, now worth more than *two crores* of Rupees, so that our religious rites cannot, in any way, be interfered with. *Fifthly*.—We bury with our corpses a good deal of camphor, frankincense, and other odoriferous substances, and the sandy nature of the soil at Sonapur being peculiarly adapted to hasten the decay of the corpse, the said burial grounds are very clean, and at no time any bad smell is known to issue from them. *Sixthly*.—It is enjoined in our religion to bury our dead into the enclosures of the families to whom the deceased is related (*vide Anwar*). *Seventhly*.—We are also enjoined to recite Koran on the tomb of the deceased for a certain number of days, and food is provided and sent from the home of the deceased to the persons so sitting at the tomb, and this will not be observed if the burial ground were removed to a great distance. *Eighthly*.—The Mahomedans are required to visit the burial ground at least twice a week and on other days, and if the place of burial were at a very great distance, we would be debarred from paying the enjoined visits (*vide Shami*). *Ninthly*.—And, as we have to bury the corpse as soon as possible, our burials take place at all the hours of day as well as of night, and persons dying at night, not to mention the difficulties in the monsoon and the hot season, will remain unburied till the next day if the burial grounds were removed to the proposed sites. *Tenthly*.—Our religion forbids the family and the relatives of the deceased to take food till the corpse is buried.

5*th*. Now, you can judge whether it would be possible to observe all the religious ceremonies and observances if the present burial grounds were stopped and new ones opened at such great distances as Worlee or Mazagon, specially as the Mahomedans reside in every quarter of Bombay from one end of the city to the other. For example, the Mahomedans residing in Bhuleshwar, Mandvi and Kolaba wards will have to take their corpses to a distance which exceeds more than five or six times the maximum standard of circumference mentioned in objection firstly above mentioned.

6*th*. As we have stated before, the burial grounds at Sonapur were purchased by the Mahomedans of this city at a very great cost, and then dedicated to the Mahomedan public as a *wakf* or public endowment, for the purpose of burying the dead. Now, the nature of this endowment being fully and perpetually established, the burial grounds at Sonapur cannot otherwise be utilized or remain unutilized than for the purposes for which it has been dedicated (*vide Fathul Kadir*).

7*th*. We may add that if new burial grounds are to be opened at Worlee or Mazagon, they may be utilized by the Mahomedans residing respectively in those two localities, but the Mahomedans in the rest of

the city cannot use them on account of the religious objections mentioned above.

8*th*. In conclusion, we again remind you that the question of our burial ground which is a *wakf* property of all the Mahomedans of Bombay, is strictly a religious question, and we beg to draw your attention to the Queen's Proclamation of 1858, guaranteeing the toleration of, and non-interference in, the religious observances and rights of all the subjects of the Queen, and we beg to inform you that we cannot, under any circumstances, even dream of leaving our old burial grounds at Sonapur, as it would be the direct violation and breach of our religious rites, ceremonies and precepts, concerning the Mahomedan burials.—We beg to remain, &c.,

ABDULLA BIN ALLYSAHEB COOR,
SHAIK MAHOMED CURTAY, and others.

BOMBAY, 21*st December* 1889.

Proposed by Dosabhai Framji, Esq., seconded by Pherozeshah M. Mehta, Esq.—

No. 7063. "That the following be referred for report to the Committee, appointed by the Corporation on the 10th October last, to report on the question of burial places, and that the petitioners be informed accordingly:—

"Petition, dated 21st December 1889, to the President, from Suni Mahomedans of Bombay, submitting objections against the closing of the old Mahomedan burial grounds on Back Bay."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rastamji Nasarvanji Khory, Esq.—

No. 7064. "That the Health Officer's Report* for the 3rd quarter of 1889 be *recorded.*"

Carried.

Proposed by Thomas Blaney, Esq., seconded by K. M. Shroff, Esq.—

No. 7065. "That, as recommended by the Standing Committee in their Resolution No. 6436, dated 29th January last, sanction be given, under Section 269 of the Municipal Act, to the taking over from Mr. Hormusjee Limjibhai Batlivala, and of declaring public for the gratuitous use of the inhabitants, cattle tank or trough and drinking fountain, with the ground on which the trough and fountain stand at Naigam Road, as shown on the tracings† accompanying the Committee's resolution."

Carried.

* *See* Appendix A.

† Filed in the supplement to Minute Books for 1889-90, marked A.

Proposed by Thomas Blaney, Esq., seconded by Colonel G. L. C. Merewether—

"That, as recommended by the Standing Committee in their Resolution No. 6441, dated 29th January last, sanction be given to the taking up of 2,070 acres, or thereabout (including about 500 acres already sanctioned for the Pawai Lake), for the gathering ground of the Pawai water works.

"That pending report by the Standing Committee of the cost of acquiring the area of 2,070 acres, and pending the raising of the necessary loan, the cost be met by advances from available balances to be hereafter adjusted against the said loan."

Amendment, moved by G. W. Roughton, Esq., seconded by A. G. Viegas, Esq.—

"That the consideration of the question of the taking up of the 1,570 acres of land at Pawai, over and above the 500 acres, required for the submerged area of the new lake, be postponed, until it has been ascertained what the award of the Collector amounts to for the 500 acres."

The following *rider*, moved by Mr. Pherozeshah M. Mehta, was accepted by the mover and seconder of the amendment, and allowed to form part of the same:—

"That the question of the probable compensation to be paid be referred to the following Committee, with a request that they will report within a week:—Messrs. Maconachie, Fernandez, M. C. Murzban, and Blaney."

The *amendment*, as thus modified, was *carried* as follows as a *substantive motion* by 16 votes *against* 1:—

"That the consideration of the question of the taking
No. 7066. up of the 1,570 acres of land at Pawai, over and above the 500 acres, required for the submerged area of the new lake, be postponed, and that the question of the probable compensation, required to be paid, be referred to the following Committee, with a request that they will report within a week:—Messrs. Maconachie, Fernandez, M. C. Murzban, and Blaney."

At 5 o'clock, it was proposed by K. M. Shroff, Esq., and seconded by Rastamji Nasarvanji Khory, Esq.—

"That the meeting be now adjourned."

Carried by 9 votes *against* 8.

The President then adjourned the meeting to the 20th instant.

BOMBAY, *20th February* 1890.

AT the adjourned ordinary monthly Meeting of the Corporation (originally called for the 13th instant, and adjourned from the 17th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. ; J. S. ALSTON, Esq. ; AMIRUDIN TYABJI, Esq. ; ANANDRAO NARAYEN VASUDEO, Esq. ; BHAGWANDAS NAROTUMDAS, Esq. ; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M. ; THOMAS BLANEY, Esq. ; E. B. CARROLL, Esq., M.I.C.E. ; J. P. CORNFORTH, Esq. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DAMODAR TAPIDAS, Esq. ; DAMODAR THAKERSI MULJI, Esq. ; DARASHAH R. CHICHGUR, Esq. ; DOSABHAI FRAMJI, Esq., C. S.I. ; EKNATH RAGHUNATH KHOTE, Esq. ; ELAPA BALARAM, Esq. ; FAZALBHAI JUMABHAI LALJI, Esq. ; FAZULBHOY VISRAM, Esq. ; J. F. FERNANDEZ, Esq. ; FRAMJI DORABJI DIVECHA, Esq., L.M. & S. ; GOVERDHANDAS G. TEJPAL, Esq. ; A. M. GUBBAY, Esq. ; HASAMBHAI VISRAM, Esq. ; HURKISSONDAS NARROTUMDAS, Esq. ; JAGMOHANDAS VANDRAWANDAS, Esq. ; JAMSHEDJEE PALLONJEE KAPADIA, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; JAYA KARADI LINGU, Esq. ; KAIKHOSRO NOWROJI KABRAJI, Esq. ; K. M. SHROFF, Esq. ; HAROLD R. KING, Esq. ; RAI BAHADUR LUCHMONSINGH ; COLONEL G. L. C. MEREWETHER, R.E. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E. ; PHEROZESHAH MERWANJEE MEHTA, Esq. ; RAHIMTULA KHAIRAZ, Esq. ; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London) ; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B. ; SHIVAJI DHURMAJI Esq. ; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

The SECRETARY.

The signing of the minutes of the adjourned ordinary monthly Meeting, held on the 17th instant, was postponed.

Proposed by Thomas Blaney, Esq., seconded by Colonel G. L. C. Merewether—

"That, with reference to their Resolution No. 6442, dated 29th January last, the Standing Committee be requested to report the cost of providing additional filter beds at Vehar and Bhandarwada in accordance with the recommendations made by Sir John Fowler."

No. 7238.

Carried.

Read Government letter No. 561, dated 3rd instant, General Department, to the President, as under :—

SIR,—I am desired by His Excellency the Governor in Council to invite your attention to Government letter No. 5097, dated 11th December 1889, requesting that the Municipality might take early measures to carry into effect the suggestions made by Surgeon-General Pinkerton in paragraph 2 of his letter No. 8660, dated 8th November 1889, regarding Municipal Hospitals for the treatment of epidemic diseases in Bombay.

2. No answer having yet been received from you, I am to point out that there is a daily risk of serious mischief arising at the Jamshedji Jijibhai Hospital through the admission there of patients suffering from infectious diseases, and I am to intimate that the accommodation and medical aid furnished in such cases at the Jamshedji Jijibhai Hospital will not be supplied after the 1st of April next. The Corporation should in the interval make the requisite provision of house accommodation and medical staff.—I have, &c., T. D. MACKENZIE, Acting Chief Secretary to Government.

Proposed by Pherozeshah M. Mehta, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the consideration of letter No. 561, General Department, dated 3rd instant, from Mr. Acting Chief Secretary Mackenzie, be deferred, and that, in the meantime, the Commissioner be asked to report as to the following statement made by the medical officer in charge J. J. Hospital, on the conduct of the Municipal officers in relation to the municipal hospitals in Grant and Arthur Roads:—'It is useless saying that the Municipal hospital will be maintained at Grant and Arthur Roads if the present practice is to be continued. They never are ready for the reception of cases. As a rule, when epidemic disease increases, it is only after repeated applications and protests that this hospital is in part relieved from the burden and danger of having to accommodate the cases. During last dry season so difficult was it to rouse the Municipal authorities to a sense of their responsibilities that we were forced to prepare two sheds and to pitch six tents for the accommodation of the relapsing fever and small-pox cases which were poured in upon us daily, the Municipal hospitals all the while remaining empty."

No. 7239.

Carried.

The following notice of motion from Dr. R. N. Khory was *withdrawn* :—

"That the following gentlemen be appointed a Hospital Committee under Section 41 of the Municipal Act, and that in the first instance they advise the Municipal Commissioner or the Health Officer in the matters connected with the infectious diseases hospital, including the provision of medical staff thereof when the employment of such staff may be considered necessary :—Surgeon-Major G. A. Maconachie, Mr. Thomas Blaney, and Mr. Bhalchandra Krishna Bhatawadekar."

The meeting was adjourned until Thursday, 27th instant.

BOMBAY, 20*th February* 1890.

AT the adjourned Special Meeting of the Corporation (originally called for the 9th ultimo, and adjourned from the 30th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P.

CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZALBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISSONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; JAMSETJI PALLONJI KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMONSINGH; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH M. MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq.; RASTAMJI NASARWANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVAJEE DHURMAJI, Esq.; VANDRAWANDASS PARSHOTAMDASS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.
E. C. K. OLLIVANT, Esq., C.S., C. I. E., Commissioner; and the SECRETARY.

Considered again letters,* dated 1st March and 23rd December last, from Mr. Dinshaw Cowasjee Pochkhanawalla and others, complaining of the erection of a stable by one Mr. Kaikhosro Meherban Irani in the vicinity of their properties situated in Karelwadi, Thakurdwar Road, and asking that the street in question may be taken over by the Municipality; also memorandum No. 15380, dated 19th December last, from the Commissioner, reporting on the above complaint.

Proposed by Thomas Blaney, Esq., seconded by E. B. Carroll, Esq.—

"That, with reference to their letter, dated 1st March and 23rd December 1889, Mr. Dinshaw Kavasji Pochkhanawala and others be informed that no encroachment has been made on Municipal land at Karelwady by the owner of new building thereat, and that, as the street known by the name of Merwanji Panday Street is a private one, no improvement line has been laid down there. If the owners of properties in Panday Street are willing to bear the cost of levelling, metalling, or paving, draining and lighting the said street, it may thereafter be declared public and a street improvement line laid down."

First amendment, moved by Kaikhosro N. Kabraji, Esq., seconded by Naoroji Beiramji Suntook, Esq.—

"That the Commissioner be requested to reconsider the petition from the inhabitants of Merwanji Panday Street, and to meet with their wishes in the best manner possible under the circumstances."

Second amendment, moved by Pherozeshah M. Mehta, Esq., seconded by Captain Sir Henry Morland—

"That letter from Mr. Dinshaw Cowasjee Pochkhanawalla and others, dated 1st March 1889, stating that an

* *See* Proceedings of the Corporation, 30th January 1890.

encroachment has been made in Karelwady by the owner of a new building there, together with the other papers in the case, be *recorded*.

"That the applicants be informed that the Corporation are not in a position to interfere in the matter."

Third amendment, moved by Khan Bahadur Muncherjee Cowasjee Murzban, seconded by A. C. Viegas, Esq.—

"That the petition of Mr. Dinshaw Kavasji Pochkhanawalla and others, dated 1st March 1889, be referred to a Committee consisting of Dr. Cowasjee Hormusjee, Dr. Bhalchandra, and Mr. Kabraji, to report on the subject.* Dr. Cowasjee to be Chairman of the Committee."

No. 7241.

The mover of the original motion proposed to withdraw the motion in favor of the amendment moved by Mr. Murzban, but Mr. Carroll, as seconder, declined to have the proposal withdrawn.

The first and second amendments were *withdrawn*.

The third amendment was *carried* as the substantive proposition by 20 votes *against* 4.

This concluded the business of this meeting.

BOMBAY, 27*th February* 1890.

AT the Special Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B. ; J. S. ALSTON, Esq. ; AMIRUDIN TYABJI, Esq. ; ANANDRAO NARAYEN VASUDEO, Esq. ; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M. ; THOMAS BLANEY, Esq. ; E. B. CARROLL, Esq., M.I.C.E. ; J. P. CORNFORTH, Esq. ; DAMODAR TAPIDAS, Esq. ; DAMODAR THAKERSI MULJI, Esq. ; DARASHA R. CHICHGAR, Esq. ; DOSABHAI FRAMJI, Esq., C.S.I. ; J. R. DUXBURY, Esq. ; EKNATH RAGHUNATH KHOTE, Esq. ; ELLAPA BALARAM, Esq. ; FRAMJI DORABJI DIVECHA, Esq., L.M. & S. ; REGINALD GILBERT, Esq. ; A. M. GUBBAY, Esq. ; HURKISSONDAS NARROTUMDAS, Esq. ; JAGMOHANDAS VANDRAWANDAS, Esq. ; JAMSHEDJI KHARSHEDJI KAMA, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; JAYA KARADI LINGU, Esq. ; KAIKHOSRO NOWROJI KABRAJI, Esq. ; K. M. SHROFF, Esq. ; HAROLD R. KING, Esq. ; RAI BAHADUR LUCHMON SINGH ; SURGEON-MAJOR G. A. MACONACHIE, M.D. ; MANEKJI BEHRAMJI DADABHAI, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E. ; NAOROJI BEIRAMJI SUNTOOK, Esq. ; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B. ; PURSHOTUMDAS MUNGULDAS NUTHOOBHOY, Esq. ; RAHIMTULA KHAIRAZ, Esq. ; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B. ; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London) ; RUSTOMJEE DHUNJEEBHOY SETHNA,

* Colonel Merewether was nominated to the Committee, but he declined to serve.

Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS MUNGULDAS NATHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

The minutes of the ordinary monthly meeting held on the 13th instant, adjourned ordinary monthly meetings held on the 17th and 20th idem, and the adjourned special meeting held on the 20th idem, were signed.

Proposed by Dosabhai Framji, Esq., seconded by Captain Sir Henry Morland—

"That the following be *recorded*:—Memorandum No. 18490, dated 1st February 1890, from the Commissioner, forwarding Government Resolution No. 466, General Department, dated 28th January 1890, stating that H. E. the Governor in Council is pleased to appoint Mr. H. A. Acworth, C.S., to be Municipal Commissioner for the City of Bombay, with effect from the date on which Mr. E. C. K. Ollivant, C.S., C.I.E., may lay down his office."

No. 7277.

Carried.

On the motion of Dosabhai Framji, Esq., seconded by Captain Sir Henry Morland, the President gave priority to notice of motion regarding the appointment of Mr. Acworth as Deputy Commissioner.

Proposed by Dosabhai Framji, Esq.—

"That, in view of the many water works, drainage and other important Municipal questions that are now pending, involving as they do intricate contract considerations, it is extremely desirable in the interests of the Corporation, that Mr. H. A. Acworth, who has been appointed by Government to succeed the present Municipal Commissioner, should have the opportunity of becoming acquainted with them by personal communication with his predecessor; that, for this purpose, Government be requested to lend Mr. Acworth's services to the Corporation in the capacity of Deputy Municipal Commissioner from the 1st March or such other later date as Government may find it convenient to relieve him from his present duties; and that, subject to the confirmation of Government, the Corporation hereby appoints Mr. H. A. Acworth Deputy Municipal Commissioner from the 1st March or such other later date on which he may join the appointment till the departure of the present Munici-

No. 7278.

pal Commissioner; and that the Corporation hereby fixes the salary of Mr. Acworth as Deputy Commissioner at Rs. 1,500 per month.

"That, on the recommendation of the Standing Committee, the Corporation will be prepared to sanction the necessary outlay for the pay of the Deputy Commissioner for two months."

The motion was seconded by Captain Sir Henry Morland, and carried by 21 votes *against* 17.

Proposed by the President, seconded by Narayen Ganesh Chandavarkar, Esq.—

"That the following be *recorded*:—Letter to the Municipal Secretary, dated 11th instant, from Mr. Narotam Gordhandas, resigning his seat in the Corporation."

No. 7279.

Carried.

At this stage it was agreed, on the proposal of Thomas Blaney, Esq., seconded by K. M. Shroff, Esq., that priority be given to the consideration of the question of the reception of H. R. H. Prince Albert Victor of Wales, adjourned from the 13th instant, and standing on the agenda paper of the meeting postponed from 20th idem. The President adjourned the present meeting till the 6th proximo, at 3 p. m.

BOMBAY, 27*th February* 1890.

AT the adjourned Ordinary Monthly Meeting of the Corporation (originally called for the 13th instant, and adjourned from the 20th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President*.

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; ELAPPA BALARAM, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; A. M. GUBBAY, Esq.; HURKISSONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAVANDAS, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE, M.D.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PURSHOTUMDAS MUNGALDAS NATHOOBHOY, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RUSTOMJI DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; TRIBHOWANDAS MUNGULDAS NUTHOOBHOY, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

Considered the Report * of the Committee of the Corporation *re* reception of H. R. H. Prince Albert Victor of Wales and Resolution of the Standing Committee, No. 7266, dated 26th instant.

Proposed by Thomas Blaney, Esq., seconded by Eknath R. Khote, Esq.—

"That the Report of the Committee of the Corporation, dated 25th instant, regarding the reception of H. R. H. Prince Albert Victor of Wales, K.G., be approved.

"That, as recommended by the Standing Committee in their Resolution No. 7266, dated 26th instant, and subject to the sanction of Government being obtained previous to the expenditure, sanction be given to the payment of Rs. 21,000 from Surplus Cash Balance as a contribution towards the funds for the public rejoicings in connection with the reception of H. R. H., namely, Rs. 12,500 for the day entertainment in the Victoria Gardens, Rs. 3,500 for the illumination of the Municipal Office building, statues of H. I. M. the Queen-Empress and H. R. H. the Prince of Wales, the Wellington and Frere fountains, and Rs. 5,000 for the fund raised by the public."

In seconding the motion, Mr. Eknath R. Khote suggested that Rs. 2,000 should be added for the cost of illuminating the Malabar Hill gardens, but Khan Bahadur Muncherji C. Murzban raised the point of order that the motion must be put to the vote as agreed to by the Standing Committee. The President ruled that Mr. Eknath R. Khote was not in order ; and thereupon Mr. Eknath withdrew his suggested alteration.

Amendment, moved by Abdula M. Dharamsi, Esq., seconded by the Hon'ble Mr. Rahimtula Mohamed Sayani—

"That the Standing Committee be asked to reconsider their Resolution No. 7266 of yesterday's date, with a view to the amount of the grant towards the cost of the reception of H. R. H. Prince Albert Victor being increased so as to provide for the cost of the day fête in the Victoria Gardens, a contribution towards general illumination, and the expense of illuminating the Municipal properties.

No. 7280.

"That, on the recommendation of the Standing Committee, the Corporation will be prepared to sanction a grant not exceeding Rs. 30,000."

* Printed in the Proceedings of the Standing Committee, 26th February 1890.

The amendment was *carried* as a *substantive motion* by 29 votes *against* 2.

At 5-30 o'clock the meeting separated, and the President adjourned the proceedings until Thursday next, the 6th proximo, at 3-15 P.M.

BOMBAY, 10*th March* 1890.

AT the ordinary monthly meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BOMONJEE PESTONJEE MASTER, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; ELAPPA BALARAM, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; REGINALD GILBERT, Esq.; GOVARDHANDAS G. TEJPAL, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISONDAS NARROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE, M.D.; MANEKJI BEHRAMJI DADABHOY, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZESHAH M. MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R.E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHO TUMDAS, Esq.; RAO SAHEB VASUDEO J. KIRTIKAR; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER Drainage; the CHIEF ACCOUNTANT; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

Read letter No. 7354, dated 28th ultimo, to the President, as under :—

SIR,—I have the honour to inform you that, at the meeting of the Standing Committee held on the 19th instant, four members of the Committee appointed by the Corporation, namely, Messrs. Thomas Blaney, Cowasjee Hormusjee, K. M. Shroff and Kaikhosro N. Kabraji, were retired by lot under the terms of Section 45 (1) of the Municipal Act, and will vacate their seats on 1st April next.

All of these gentlemen are eligible for re-appointment, *vide* Section 46 (2) of the Act.—I have, &c., H. W. BARROW, Municipal Secretary.

Proposed by the President, seconded by Framji Dorabji Divecha, Esq.—

No. 7559. "That letter No. 7354, dated 28th ultimo, from the Secretary, to the President, be *recorded.*

"That, under the provisions of the Rules for the conduct of business and Government Notification, General Department (No. 3913), dated 14th October 1885, Messrs. James W. Smith, Sorabji N. Cooper and S. Tomlinson be appointed scrutineers to assist the Municipal Secretary in examining the voting papers for the election of 4 members of the Standing Committee recorded this day."

Carried.

The ballot was commenced shortly after 3 o'clock P.M. and closed at 4 P.M. At a quarter before 5 o'clock P.M. the Municipal Secretary and scrutineers presented the following report:—

BOMBAY, 10*th March* 1890.

To THE PRESIDENT, Municipal Corporation.

SIR,—We have the honour to report that we have this day made a scrutiny of the ballot papers presented for the election of members of the Standing Committee, and that the votes recorded in the papers are as under :—

		Votes.
1.	Thomas Blaney, Esq.	32
2.	Kaikhosro Nowroji Kabraji, Esq.	26
3.	Harkisondas Narotumdas, Esq	38
4.	Cowasjee Hormusjee, Esq.	37
5.	Captain W. P. Walshe	19
6.	Captain Sir Henry Morland	38
7.	Abdula Meherali Dharamsi, Esq.	34
8.	Jaya Karadi Lingu, Esq.	10
9.	Jamshedji Palanji Kapadia, Esq.	10

We have, &c.,
H. W. BARROW,
Municipal Secretary.

JAMES W. SMITH,
SORABJI N. COOPER,
S. TOMLINSON,
} Scrutineers.

The President having read the report, declared the following gentlemen duly elected members of the Standing Committee :—

Mr. HURKISONDAS NAROTUMDAS,
Sir HENRY MORLAND,
Mr. COWASJEE HORMUSJEE,
Mr. ABDULLA M. DHARAMSEY.

Proposed by Captain Sir Henry Morland, seconded by the Hon'ble Mr. Rahimtula M. Sayani—

No. 7560. "That Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina be appointed Auditors of Municipal Accounts for the year 1890-91, and that their remuneration be Rs. 4,000 each per annum as provided in the Budget."

Carried.

The President, with the consent of the meeting, gave priority to notice of motion from himself *re* farewell address to H. R. H. the Duke of Connaught.

Proposed by the President, seconded by Dosabhai Framji, Esq.—

No. 7561. "That a farewell address be presented to H. R. H. the Duke of Connaught on His Royal Highness' departure from India, on Thursday, 13th March 1890.

"That the following Councillors form a Committee to consider the terms of the address :—

The President, Mr. Dosabhai Framji, Mr. Hurkisondas Narotumdas, Mr. A. M. Gubbay, Captain Walshe, the Hon'ble Mr. Rahimtula M. Sayani, Dr. Cowasjee Hormusjee, and Colonel Merewether.

"That the Standing Committee be requested to consider and make such recommendation as may appear desirable for defraying the engrossing and enclosure of the address."

Carried.

At this stage, on the proposal of the President, the meeting was temporarily adjourned in order to give priority to the consideration of the question of the reception of H. R. H. Prince Albert Victor of Wales.*

On the re-assembling of this meeting, the President, with the consent of the meeting, gave priority to the notice of motion regarding the payment of 5 lakhs of rupees on account of Tansa Water Works.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7562. "That, as recommended by the Standing Committee in their Resolution No. 7391, dated 5th instant, and for the reasons given in the Chief Accountant's letter No. 2873, dated 25th ultimo, and as proposed

* *See* Proceedings of adjourned meeting below.

by the Commissioner in his memorandum No. 19785, dated 28th idem, sanction be given to the payment of five lakhs of rupees from the unappropriated balance of Rs. 9,58,513-11-10 on account of the Tansa Loan, taken credit for in the Loan Works Budget for the year 1890-91, to provide for the cost of work done by the Tansa dam and duct contractors; of iron work supplied by the Tansa pipe contractors, and establishment and other contingent charges incurred up to the end of the current financial year."

Carried.

The President adjourned the proceedings until Wednesday, the 12th instant, at 4 P.M., and the business of the adjourned ordinary monthly meeting was resumed.

BOMBAY, 10*th March* 1890.

AT the adjourned ordinary monthly meeting of the Corporation (originally called for the 13th ultimo, and adjourned from the 27th idem) held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; J. S. ALSTON, Esq.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., LM.; THOMAS BLANEY, Esq.; BOMONJI PESTONJI MASTER, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., C.I.M.C.; DAMODUR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHA R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; ELAPPA BALARAM, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; REGINALD GILBERT, Esq.; GOVERDHANDAS G. TEJPAL, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; HAROLD R. KING, Esq.; RAI BAHADUR LUCHMON SING; SURGEON-MAJOR G. A. MACONACHIE, M.D.; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; COLONEL G. L. C. MEREWETHER, R. E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. M.I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, B.A., LL.B.; PHEROZESHAH M. METHA, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARWANJI KHORY, Esq., M.D., M.R.C.P. (London); RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A. LL.B.; G. W. ROUGHTON, Esq.; MAJOR H. O. SELBY, R. E.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the SECRETARY.

The President, with the consent of the meeting, gave priority to the question of an address to H. R. H. Prince Albert Victor of Wales on the agenda paper of this meeting.

Proposed by the President, seconded by Sir Jamsetjee Jejeebhoy—

"That a farewell address be presented to H. R. H. Prince Albert Victor of Wales, K. G., on the occasion of his departure from Bombay, and that the Committee appointed on 19th September last be requested to prepare the address and arrange for its presentation.*

No. 7563.

"That on the recommendation of the Standing Committee the Corporation will be prepared to sanction a grant to provide for the cost of illuminating the address and of a casket to contain the same."

Carried.

On the proposal of Thomas Blaney, Esq., priority was next given to the recommendation of the Standing Committee regarding the grant of Rs. 30,000 towards the proposed entertainment on the occasion of the return visit of His Royal Highness.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 7382, dated 5th instant, and subject to the sanction of Government being obtained previous to the expenditure, sanction be given to the payment of Rs. 30,000, from surplus cash balance, as a contribution towards the entertainment proposed on the occasion of the return visit of H. R. H. Prince Albert Victor of Wales, namely, Rs. 12,500 for a day *fête* in the Victoria Gardens, Rs. 7,500 for the illumination by the municipal executive of the Municipal offices, the statues of H. I. M. the Queen-Empress and H. R. H. the Prince of Wales; the Wellington and Frere fountains, and the hanging gardens at Malabar Hill; and Rs. 10,000 towards the General Reception Fund."

No. 7564.

Amendment moved by Pherozeshah M. Mehta, Esq., seconded by Bhalchandra K. Bhatavadekar, Esq.—

"That the grant towards the cost of the reception of H. R. H. Prince Albert Victor be sanctioned at Rs. 25,000, namely, Rs. 12,500 for a day *fête* in the Victoria Gardens and Rs. 7,500 for the illumination by the municipal executive of the Municipal offices, the statues of the Queen-Empress and the Prince of Wales; the Frere and

* See proceedings of the Corporation of 27th February 1890.

Wellington fountains, and the hanging gardens at Malabar Hill ; and Rs. 5,000 towards the General reception fund."

On a division there were 17 votes *for* and 29 *against* the *amendment*, which was *lost.*

The original motion was then *carried* by 31 votes *against* 9.

(At this stage, the meeting was temporarily adjourned, and the proceedings of the ordinary monthly meeting were resumed in order to give priority to the notice of motion re-payment of 5 lakhs of rupees on account of Tansa works on the agenda paper of the ordinary monthly meeting.)

The business of this meeting was subsequently resumed for the disposal of the only remaining item on the agenda paper of the meeting originally called for 13th ultimo.

Considered the following report on the cost of land required for the Pawai Lake :—

"The Committee of the Corporation, appointed on the 17th February 1890, as per margin, are informed that the value of the catchment area will be about fifty per cent. above that of the submerged area, and that the probable value of the latter will be in the proportion of 2 to 1, while the areas of the submerged and of the catchment ground are as 1 to 3.

"That the consideration of the question of the taking up of the 1,570 acres of land at Pawai, over and above the 500 acres required for the submerged area of the new lake, be postponed, and that the question of the probable compensation required to be paid be referred to the following Committee, with a request that they will report within a week :—Messrs. Maconachie, Fernandez, M. C. Murzban and Blaney."

2. Having gone carefully into the figures with the Commissioner, the Committee beg to report that in their opinion it is to the interest of the Municipality financially, that the whole area of two thousand and seventy acres should be acquired.

3. As the amount of the compensation that may be payable for the land in question will be subject to the award (now under consideration) of the officer of Government in respect of the ground to be submerged, the Committee, for obvious reasons, are unable to publish the figures which have been placed before them."

22*nd February* 1890. G. A. MACONACHIE.
J. F. FERNANDEZ.
MUNCHERJEE C. MURZBAN.

I am unable to sign this report.
THOMAS BLANEY.

Proposed by Surgeon-Major G. A. Maconachie, seconded by Khan Bahadur Muncherjee C. Murzban —

"That, as recommended by the Committee of the Corporation, appointed on the 17th February last, sanction be given to the acquisition of the whole area of 2,070 acres of land for the gathering ground, &c., of the Pawai Water Works."

No. 7565.

Carried by 20 votes *against* 5.

This concluded the business of this meeting.

BOMBAY, 10*th March* 1890.

As the business of the above meetings lasted till 5 o'clock, the business of the adjourned Special Meeting originally called for the 27th ultimo, and adjourned from that day to this day, was not proceeded with.

The President fixed Wednesday, the 12th instant, at 4-15 P.M., for this adjourned meeting.

BOMBAY, 12*th March* 1890.

AT the adjourned ordinary monthly meeting of the Corporation (originally called for 10th instant, and adjourned from that day), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; ANANDRAO NARAYEN VASUDEO, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHA R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; ELLAPA BALARAM, Esq.; FAZALBHAI VISRAM, Esq.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; SHIVAJI DHURMAJI, Esq.; VANDRAWANDAS PURSHOTUMDAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the special and adjourned ordinary monthly meetings, held on the 27th ultimo, were signed.

Proposed by the President, seconded by Abdula M. Dharamsi, Esq.—

No. 7575. "That, in accordance with Section 17 (*b*) of the Municipal Act, the Corporation accept the reasons for the temporary absence of Mr. T. B. Kirkham, namely, his having met with an accident and being engaged on a tour of official duty as explained in his letter, dated 23rd February 1890."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Fazalbhai Visram, Esq.—

No. 7576. "That letter No. 7353, dated 28th ultimo, from the Municipal Secretary, to the President, reporting the Budget transfer sanctioned by the Standing

Committee on the 19th idem, Rs. 81-14-3, as under, be recorded :—

	Rs.	a.	p.
Transfer from savings in Section I., Establishment, Fire Brigade Budget, to the grant for printing Voters' List, Municipal Commissioner's establishment, to meet excess in the latter grant	81	14	3"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Colonel G. L. C. Merewether—

No. 7577.

"That, with reference to the resolution of the Standing Committee, No. 7083, dated 19th ultimo, the Corporation approve of the following transfers amounting to Rs. 71,085-0-0 :—

	Rs.	a.	p.
Transfer from savings in the grants for a new night-soil depôt at the south end of DeLisle Road, and for vaccination quarters and stable, to the grant for a new night-soil depôt at the north end of DeLisle Road, to meet the cost of land required for the depôt and of filling in the land	20,782	0	0
Transfer from savings in Section I., purchase of materials, B., road repairs and maintenance, Engineer's Budget, to Section II., cart hire and labour, Rs. 17,500, Section IV., maintenance of steam rollers, Rs. 4,067, and Section V., stores and contingencies, Rs. 3,456, to meet excess up to the end of the current financial year on account of labour, maintenance of steam rollers, stores and contingencies	25,023	0	0
Transfer from savings in the grants for purchase of open spaces and for proposed Cholera Hospital, New Works, to Section II., coal, maintenance of Love Grove pumping station, Engineer's Budget, to meet excess over the grant for coal, caused partly by the difference between the Budget provision and the contract rate and partly by the increase in consumption in pumping out water from the old drain which was admitted during the S.-W. monsoon ...	24,500	0	0
Transfer from savings in Section II., repairs to machinery, stores, &c., maintenance of Carnac Bunder night-soil pumping station, Health Department Budget, to Section II., construction of a small inlet well and fitting up a foot valve to the donkey suction pipe, to meet excess in the grant for the said work caused (1) by the sandy nature of the soil which necessitated plank shoring during the progress of the work, (2) by the substitution of broken pipes by new ones, and (3) the cost of pumping rain-water from the trenches owing to the early burst of the S.-W. monsoon	780	0	0
Total...Rs.	71,085	0	0"

Amendment, moved by Cowasjee Hormusjee, Esq., seconded by Bhalchandra N. Bhatavadekar, Esq.—

"That the item of Rs. 20,782 be disallowed."

There were 5 votes *for* and 11 votes *against* the *amendment* which was *lost.*

There were 11 votes *for* and 5 *against* the original motion, which was *carried.*

Proposed by Thomas Blaney, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 7578. "That, as recommended by the Standing Committee in their Resolution No. 7086, dated 19th ultimo, sanction be given, as a special case, to the payment of a gratuity of Rs. 2,250 to the legal representatives of Mr. E. C. Hawkes, late Resident Engineer, Tansa dam works. The amount to be debited to the current year's allotment for the Tansa Water Works."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 7579. "That, as recommended by the Standing Committee in their Resolution No. 7272, dated 26th ultimo, the President be requested to submit a further representation to H. E. the Viceroy and Governor-General in Council, and, if necessary, a memorial to the Right Hon'ble the Secretary of State for India, in the terms of letter from the President, to the Government of India, No. 3943, dated 28th September last, praying that the amended Indian Railways Bill may be further amended so far as its provisions relate to the City of Bombay."

Carried.

Read the following letter, dated 1st instant, to the Commissioner :—

SIR,—With reference to my letter to you of the 13th February last, I find from the printed proceedings that the resolution of the Standing Committee thereon is to the effect, that the Corporation be recommended to accept my offer and to sanction the construction of the road on the condition that I give up to the Corporation, free of cost, land admeasuring 16,000 square yards required for the road, and no reference is made in the resolution to the condition that this road should be commenced within three months and completed within a year.

As the Corporation, if inclined to sanction the resolution, it will probably do so in the terms in which it is already expressed, and as the acceptance of my offer will be communicated by simply furnishing me with a copy of the resolution so sanctioned, a difficulty may possibly arise

thereafter, whether the express mention in the resolution of only one of the conditions of my offer does not mean that the other condition, namely, "that this road should be commenced in three months and completed within a year," has not been accepted by the Corporation.

I trust, therefore, that you will be so good as to make this matter clear, by seeing that the resolution of the Corporation is in accordance with the terms of my offer.—I remain, &c., DORABJI CURSETJI SHROFF.

No. 20160 of 1889-90.

BOMBAY, *8th March* 1890.

Forwarded to the Municipal Secretary, in continuation of this office No. 19421, dated 19th ultimo. If there is any doubt on the subject, it will be well to make the matter clear when it is under the consideration of the Corporation.—E. C. K. OLLIVANT, Commissioner.

Proposed by Colonel G. L. C. Merewether, seconded by K. M. Shroff, Esq.—

"That, as recommended by the Standing Committee in their Resolution No. 7090, dated 19th ultimo, the offer of Mr. Dorabji Kharshedji Shroff be accepted and sanction be given, under Section 291 (*b*) of the Municipal Act, to the making of a new street, 40 feet in width, from Jakaria Bandar Road to Sewri Cemetery as shewn in blue lines on the tracing accompanying the Committee's Resolution, on the following condition :—

"That Mr. Dorabji Kharshedji Shroff gives up and conveys to the Corporation, free of cost, a plot of land admeasuring 16,000 square yards, or thereabout, required for the construction of the proposed road, 40 feet in width."

First amendment, proposed by Thomas Blaney, Esq., seconded by Eknath R. Khote, Esq.—

"That, in view of the letter now read, the consideration of Mr. Dorabji K. Shroff's offer to make over to the Corporation, free of cost, 16,000 square yards of ground, as the site for a new road from Jakeria Bandar to Sewri Cemetery, be postponed until detailed estimates of the cost of constructing such road are placed before the Corporation by the Standing Committee."

Second amendment moved by Muncherjee N. Banajee, Esq., seconded by Abdula M. Dharamsi, Esq.—

"That the offer of Mr. Dorabji K. Shroff to make over to the Corporation, free of cost, 16,000 square yards of

ground, or thereabout, as the site of a road, 40 feet broad, on condition, that the road is commenced within 3 months and completed within 12 months from commencement, be sanctioned, and that the cost of construction does not exceed Rs. 38,000."

Mr. Blaney raised the point of order, that the latter part of the amendment regarding the cost was out of order, as all recommendations for expenditure must be made by the Standing Committee.

After discussion, it was agreed, on the motion of Mr. Mulji B. Barbhaya, that the words "that the cost of the road does not exceed Rs. 38,000" be struck out, and that in place thereof, the following words be inserted: "that the Standing Committee be requested to make financial proposals as to constructing the road."

This amendment, as thus modified, was put to the vote, as follows :—

No. 7580. "That the offer of Mr. Dorabji K. Shroff, to make over to the Corporation, free of cost, 16,000 square yards of ground, or thereabout, as the site of a road, 40 feet broad, on condition that the road is commenced within 3 months and completed within 12 months from commencement, be sanctioned, and that the Standing Committee be requested to make financial proposals as to cost of constructing the road."

On a division, there were 16 votes *for* and 7 *against* the second *amendment*, which was *carried* as a substantive motion by 16 votes *against* none.

Shortly after 5 o'clock, Mr. Cowasjee Hormusjee drew the attention of the President to the fact that there was not a quorum. The President adjourned the meeting accordingly until 3 P.M., on Thursday, the 13th instant.

BOMBAY, 12*th March* 1890.

THE business of the adjourned special meeting called for this day, was not proceeded with, as the business of the above meeting lasted till a little after 5 P.M.

The President fixed Thursday, the 13th instant, at 3-15 P.M., for this adjourned meeting.

BOMBAY, 13*th March* 1890.

AT the adjourned Ordinary Monthly Meeting of the Corporation (originally called for the 10th instant, and adjourned from the 12th idem, for want of a quorum), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., BA., LL.B.; AMIRUDIN TYEBJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; THOMAS BLANEY, Esq.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DAMODAR TAPIDAS, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; ELAPPA BALARAM, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; GOVERDHANDAS K. MAKANJI, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MIRZA HUSSEIN KHAN, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZESHAH M. MEHTA, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVAJI DHURMAJI, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

The signing of the minutes of the meetings held on the 10th and 12th instant, and the record of the adjourned special meetings called for the same days, was postponed.

On the motion of Colonel G. L. C. Merewether, seconded by K. M. Shroff, Esq., Pherozeshah M. Mehta, Esq., was voted to the chair until the arrival of the President.

Read letter No. 19364, dated 18th ultimo, to the Secretary, as under :—

SIR,—Under section 289 of the Municipal Act, I have the honour to request the sanction of the Corporation to the extension of Hamam Street as shewn by red lines in the accompanying tracing, inasmuch as this extension is estimated to cost more than Rs. 5,000. It is not proposed to carry out the entire project immediately, but merely to take advantage of houses being rebuilt just as is now done in ordinary setback cases. The recent fire in Apollo Street has given an opportunity of acquiring the ground, coloured blue, measuring 395 square yards, * and if the plans are passed for new buildings on this site the proposed improvement will be impossible.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Colonel G. L. C. Merewether, seconded by K. M. Shroff, Esq.—

"That, as applied by the Commissioner in his letter No. 19364, dated 18th ultimo, sanction be given, under Section 289 of the Municipal Act, to the extension of Hamam Street as shewn by red lines on the tracing† accompanying the above letter."

No. 7731.

Carried.

* *Note.*—The building which stood on the portion coloured dark-blue (276·89 square yards) has been entirely destroyed; the building standing on the portion coloured light blue (118·11 square yards) has been partially injured.

† Filed in the Supplement to Minute Book for 1889-90, marked A.

Read memorandum No. 19438, dated 19th February showing the balance due by the Corporation, to the Secre-holders, on the 31st December 1889, on account of several

In accordance with Section 105 *of Bombay Act III of* 1888 *it is hereby State of India in Council and to Municipal Security-holders on were as follows :—*

Particulars of Loans.	Balance due on 31st December 1888.	Amount raised in 1889.
	1	2
Loans raised from Government.	Rs. a. p.	Rs. a. p.
1 Balance of the Consolidated Loans	50,13,668 6 0	.....
2 Vehár Water Works Debt	28,54,186 10 2	.....
Total of Loans raised from Government...	78,67,855 0 2	.....
Loans raised from the Public.		
3 House-rate and Market Loans of 1867-68	* Only	Rs. 4,500 remain
4 New Drainage Loan of 1878	24,56,000 0 0	.....
5 The Sanitary Works Loan of 1885-86 (44 lákhs) ...	39,50,000 0 0	.....
6 The Drainage and Water Works Loan of 1888 (12 lákhs)	12,00,000 0 0	.....
7 The Sanitary Works Loan of 1888 (7 lákhs) ...	7,00,000 0 0	.....
8 The Miscellaneous Works Loan of 1888 (Drainage, Water Works, Markets and Roads)	2,22,000 0 0	7,86,500 0 0
9 The Tánsa Water Works Loan	72,00,000 0 0	23,90,000 0 0
Total of Loans raised from the Public...	1,57,28,000 0 0	31,76,500 0 0
Grand Total...	2,35,95,855 0 2	31,76,500 0 0

* The balance remaining unpaid on 1st January 1889 on account of these Loans was proceeds of invested Sinking Fund, leaving a balance of only Rs. 4,500 unpaid on 31st re-payment on the stipulated dates. The latter sum has been deposited with the Bank when the parties apply for payment.

† As under the terms of these Loans, the bonds issued could not be re-paid to the Bond-as under :—

	Balance of Annual Debt Instalments.	Interest Accumulations.
	Rs. a. p.	Rs. a. p.
44 Lakhs—Sanitary Works Loan	1,32,125 7 6	5,848 15 11
12 Lakhs—Drainage and Water Works Loan ...	10,000 0 0	362 2 3
7 Do. —Sanitary Works Loan	6,000 0 0	199 0 11
Loan of Rs. 10,08,500 for Drainage and Water Works, Markets and Roads	8,600 0 0	21 10 10
	1,56,725 7 6	6,431 13 11

‡ The Sinking Fund will be set apart from 1893, *i.e.*, after the completion of the Works

SORABJI NAVAROJI COOPER,
Chief Accountant.

1896, from the Commissioner, forwarding an account
tary of State for India in Council and to Municipal security
loans raised as under :—

notified that the balances due by the Corporation to the Secretary of 31st December 1889 on account of Loans raised from time to time

Total.	Amount re-paid in 1889.	Balance due on 31st December 1889.	Interest paid in 1889.	Total of Columns 4 and 6.
3	4	5	6	7
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
50,13,668 6 0	1,32,511 6 4	48,81,156 15 8	2,24,140 14 6	3,56,652 4 10
28,54,186 10 2	62,168 3 4	27,92,018 6 10	1,13,031 12 8	1,75,200 0 0
78,67,855 0 2	1,94,679 9 8	76,73,175 6 6	3,37,172 11 2	5,31,852 4 10
unpaid.				
24,56,000 0 0	42,500 0 0	24,13,500 0 0	The interest is paid direct by the Bank of Bombay when it becomes due, and is demanded by the Security-holders.	
39,50,000 0 0	†.....	39,50,000 0 0		
12,00,000 0 0	†.....	12,00,000 0 0		
7,00,000 0 0	†.....	7,00,000 0 0		
10,08,500 0 0	†.....	10,08,500 0 0		
95,90,000 0 0	†.....	95,90,000 0 0		
1,89,04,500 0 0	42,500 0 0	1,88,62,000 0 0		
2,67,72,355 0 2	2,37,179 9 8	2,65,35,175 6 6		

Rs. 62,500, out of which debentures for Rs. 58,000 were re-paid during 1889 out of sale
December 1889 owing to the Bond-holders not having presented the debentures for
of Bombay at interest, although the bonds do not carry any interest, and will be re-paid

holders before the dates stipulated in the debentures, the Sinking Fund has been invested

Total.
Rs. a. p.
1,37,974 7 5
10,362 2 8
6,199 0 11
8,621 10 10
1,63,157 5 5

Deposited with the Bank of Bombay in 5 per cent. Municipal Debentures for Rs. 1,48,500, and Rs. 14,687-5-5 in cash. The latter sum will be invested in Municipal Debentures in the current month.

as per conditions of the Loan.

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

Proposed by Thomas Blaney, Esq., seconded by Muncherjee N. Banajee, Esq.—

"That the statement shewing the balances due by the Corporation to the Secretary of State for India and to the Municipal Security-holders, on 31st December 1889, on account of loans raised from time to time, forwarded by the Commissioner under his memorandum No. 19438, dated 19th ultimo, be *recorded.*"

No. 7732.

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Health Officer's Report* for the 4th quarter of 1889 be *recorded.*"

No. 7733.

Carried.

Considered the following letter, No. 85, dated 17th ultimo, from the Secretary, Joint Schools' Committee, as under:—

SIR,—I have the honour to inform you that, at a meeting of the Joint Schools' Committee held on Friday, the 14th instant, the following resolution was passed:—

"That the Joint Schools' Committee accept, under the conditions set forth in letter No. $\frac{C\,B}{7850}$, dated 3rd instant, from the Educational Inspector, C. D., to the Chairman, Joint Schools' Committee, the transfer of the Government Primary Schools of Bombay from the date on which the Accountant-General shall have transferred the balance of the Presidency Educational Fund to the Municipality."—I have, &c., N. B. MASANI, Secretary, Joint Schools' Committee.

Letter No. $\frac{C.\,B.}{7350}$, dated 3rd February last, from the Educational Inspector, C. D., to the Chairman, Joint Schools Committee, enclosing copy of Government Resolution, Educational Department, No. 133, dated 16th January last, according sanction to the taking over of the existing Primary Schools, current Budget of the Presidency Educational Fund and balance of the same, and stating that the way is now clear for the long delayed transfer. The only question now is the date up to which the accounts are to be written up and proposing to transfer the administration of the schools and Fund on or from the date the Accountant-General fixes as most convenient. Duplicate lists of schools and dead stock can be signed by the Secretary of the Joint Schools' Committee and the Deputy Educational Inspectors, Marathi and Gujarathi Schools, respectively, as record of the transfer. After the transfer and for the present and pending further negotiations on the subject, these gentlemen, the Deputy Inspectors, might continue their present duties merely taking orders from and reporting to the Joint Schools' Committee instead of the Educational Inspector's Office. As soon as the transfer is fairly effected and the Budget for next year settled and things are working smoothly, the discussion concerning the position

* *See* Appendix **A.**

of the Deputy Inspectors can be resumed and the best arrangements for the future finally settled between the Joint Schools' Committee, the Corporation and Government.

Government Resolution No. 133, Educational Department, dated 16th January last, requesting the Accountant-General to write up and close the Presidency Educational Fund to any convenient date (say 31st December 1889), and to transfer the balance to the credit of the Municipal School Fund.

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

"That letter No. 85, dated 17th ultimo, from the Secretary, Joint Schools' Committee, stating that the Schools' Committee accept the transfer of the Government Primary Schools of Bombay on the conditions set forth in the letter from the Educational Inspector, C. D., No. $\frac{C.B.}{7360}$, dated 3rd idem, be *recorded.*"

No. 7734.

Carried.

Read Government Resolution No. 469, P. W. D., Railway, dated 24th ultimo, as under:—

From the Consulting Engineer for Railways, dated 17th January 1890.

Submits correspondence ending with letter No. 15132 W., dated 21st December 1889, from the Agent, Bombay, Baroda and Central India Railway Company, forwarding copy of his memorandum, dated 10th December 1887, in regard to the Falkland Road Overbridge, and referring to his No. 10506 W. of 28th August 1888, recording agreement to a 30-foot roadway and 6-foot paths; intimating that the Company's Chief Engineer states that to provide parapet walls of sufficient strength, either the low-level roads or the roadway over the bridge must be reduced by 6 inches on either side, and that with this proviso there is no structural objection to the proposed bridge; stating that the original proposal is ample to meet the existing traffic or any probable expansion of traffic, but adding that he is prepared to recommend his Board to build a bridge with a wider roadway if the Municipality bear the cost of the additional width of bridge now asked for, and expressing a hope that this proposal may be recommended to the favourable consideration of Government and of the Municipal Corporation.

RESOLUTION.—His Excellency the Governor in Council is satisfied of the necessity for this bridge and is prepared to sanction its construction with a width of 50 feet as approved by the Municipality and Board of Directors of the Bombay, Baroda and Central India Railway Company. Its cost, including the approaches, low-level roads and any temporary works required for the traffic during construction, will be borne by the Bombay, Baroda and Central India Railway Company, but as Government has already provided land for the approaches of this bridge, any expenditure entailed in the acquisition of additional land, injury to property and allied charges must be met by the Municipality, as in any ordinary street improvement.

2. The Agent, Bombay, Baroda and Central India Railway Company, should be requested to submit the necessary designs and estimates for a bridge, of which the following will be the general dimensions :—

The roadway to be 40 feet wide, with a footpath 5 feet in width on each side, thus giving a total width to be 50 feet inside parapets, and with approaches having gradients not steeper than 1 in 35. On each side of the bridge will be a low-level road 20 feet wide. The opening for the Railway to be sufficient for four lines of rails.

3. The Agent should also be requested to prepare the plans of any additional land required for this project, and to submit his proposals for dealing with the road traffic during the period the bridge is under construction.

H. W. WARDEN,
Under Secretary to Government.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, with reference to Government Resolution No. 469, Public Works Department, Railway, dated 24th ultimo, the Commissioner be requested to favour the Corporation with an estimate of the cost of additional land to be acquired and amount of injury to property and allied charges in connection with the construction of the bridge at Falkland Road."

No. 7735.

Carried.

In accordance with notice of motion, it was proposed by Kaikhosro N. Kabraji, Esq.—

"That an address of welcome be presented by this Corporation on behalf of the City of Bombay to Lord Harris, the Governor-elect, on his arrival in Bombay.

No 7736.

"That a Committee consisting of the following Councillors be appointed to draft the address :—The President, Dr. Blaney, Mr. Dosabhai Framji, Mr. Javerilal U. Yajnik, The Hon'ble Mr. R. M. Sayani, Col. Merewether, Mr. P. M. Mehta, Mr. Cowasjee Hormusjee, Khan Bahadur Muncherji C. Marzban, Mr. Kaikhusro N. Kabraji. *

"That the Standing Committee be requested to provide for the cost of a suitable casket and of illuminating the address."

The above motion was seconded by Cowasjee Hormusjee, Esq., and—

Carried.

This concluded the business of this meeting.

* The name of Mr. Kaikhosro N. Kabraji was added to this list by the meeting.

BOMBAY, 13*th March* 1890.

AT the adjourned Special Meeting of the Corporation (originally called for the 27th ultimo, and adjourned from the 12th instant), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq, B.A., LL.B.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; THOMAS BLANEY, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DARASHAH R. CHICHGAR, Esq.; DINSHAW EDULJI WACHA, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; ELAPPA BALARAM, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; GOVARDHANDAS KHATAO MAKANJI, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK, JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZESHAH MERWANJEE MEHTA, Esq.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVAJI DHURMAJI, Esq.; VANDRAWUNDAS PHURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

At the suggestion of the Commissioner, the President, with the consent of the meeting, gave priority to item 10 on the agenda paper of this meeting *re* Leper Hospital.

Considered Government letter No. 630, dated 7th ultimo, General Department, to the President, as follows :—

SIR,—I am directed by His Excellency the Governor in Council to inform you that Sir Dinsha Manekji Petit has offered to Government the sum of one lakh of rupees for the purpose of building a Home for Lepers in Bombay subject to certain conditions. One of these is that the home is to be equipped and maintained by those who are responsible by law for the maintenance and equipment of such institutions. In these circumstances I am to ask you to be good enough to inform Government whether the Municipal Corporation are prepared to accede to the wishes of the generous donor.—I have, &c.,

T. D. MACKENZIE,
Acting Chief Secretary to Government.

Also Government letter No. 1010, dated 10th instant, same Department, to the President :—

SIR,—In continuation of Mr. Mackenzie's letter, No. 630, dated the 7th ultimo, concerning the offer made by Sir Dinshaw Manekji Petit of a lakh of rupees for the purpose of building a Home for Lepers in Bombay, I am directed to forward herewith a copy of the letter from Sir Dinshaw Manekji Petit containing the offer.—I have, &c., J. NUGENT, Chief Secretary to Government.

PETIT HALL, MALABAR HILL,

BOMBAY, 1*st February* 1890.

DEAR LORD REAY,—I have been considering for a long time that there is a great need of a Lepers' Home, where a good number of these unfortunate beings, loitering about in streets, can be comfortably accommodated.

I had brought this subject to the notice of Brigade-Surgeon H. V. Carter, the then First Physician of the Sir Jamsetji Jeejeebhoy Hospital and Principal of the Grant Medical College, through Dr. Cowasji

Hormusji Billimoria, and expressed my willingness to give it my support, but for some reasons the matter was not taken up.

Knowing my wish, recently by the desire of Mr. E. C. K. Ollivant, our Municipal Commissioner, Dr. Cowasji Hormusji gave me to understand that Government now think of taking steps for the establishment of such an Institution.

I therefore beg to offer Rs. 1,00,000 (one lakh of rupees) for the purpose of building same on the following terms :—

1. Government to give, free of costs, suitable land for the Institution.
2. The amount of my donation to be used only for building purpose.
3. The Home to be equipped and permanently maintained by those who are responsible by law for the maintenance and equipment of such institutions.
4. The Home to be called "The Sir Dinshaw Manekji Petit Lepers' Home."
5. A separate ward to be set aside exclusively for at least eighteen Parsee lepers, and if such lepers exceed that number, the additional lepers to be housed in other parts of the Home.

I beg to remain, Dear LORD REAY,
Yours very faithfully,
DINSHAW MANOCKJI PETIT.

To His Excellency the Right Hon'ble
LORD REAY, G.C.I.E., LL.D., Bombay.

Proposed by Pherozeshah M. Mehta, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That Government be informed with reference to letter No. 7737. No. 630, General Department, dated 7th February 1890, that the Corporation without admitting such legal liability on the part of the Corporation as is implied in that letter, are of opinion that the liberal offer of Sir Dinshaw Maneckji Petit should be accepted on the conditions stated, and that, though the Corporation will be ready to undertake those duties with regard to the maintenance of a Leper Asylum which devolve upon them under the Municipal Act, they venture to express the hope that Government may see its way towards making a substantial contribution towards the expenses of the Institution.

"That, in the opinion of the Corporation, it is very desirable that advantage should be taken of the visit of H. R. H. Prince Albert Victor of Wales to invite H. R. H. to lay the foundation stone of the proposed Leper Asylum, as his illustrious father has taken such a leading part in the efforts that have recently been directed both towards the amelioration of the condition of persons suffering from leprosy and towards the control and eradication of that terrible disease."

Mr. Blaney proposed that a letter which had been received by the Commisssioner from the Municipal Solicitors, regarding the liability or otherwise of the Corporation to provide hospital accommodation for lepers, should be read.

Mr. Pherozeshah M. Mehta objected to the letter being read, and the President ruled that Mr. Blaney's proposition was out of order as the letter formed no part of the business of this meeting.

The motion was *carried unanimously*.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7738. "That letter No. 6948, dated 15th February last, from the Municipal Secretary, to the President, reporting the Budget transfers sanctioned by the Standing Committee up to 12th idem, Rs. 3,092-3-4, as under, be *recorded*:—

	Rs.	a.	p.
Transfer from savings in Section I., Superior Staff(salary of Assistant Engineer), Public Works (Engineer's) Budget, to the grant for Small-pox Hospital at Arthur Road, to meet excess on account of cart-hire for filling in the low-lying ground around the hospital	172	3	4
Transfer from savings in Section II., Gas-lighting, A, Streets and Bunders, Public Works (Engineer's) Budget, to Section V., Stationery and Printing, same Budget, to meet excess in the latter grant	2,920	0	0
Rs. ...	3,092	3	4"

Carried.

Proposed by Thomas Blaney, Esq., seconded by Nowroji B. Suntuk, Esq.—

No. 7739. "That, without committing the Corporation to the principle of providing burial grounds generally free of cost, or without levying charges,* and as recommended by the Standing Committee in their Resolution No. 6648, dated 5th February last, sanction be given to the grant of Rs. 9,878 for the cost of filling in rocky and at present unusable parts of the Roman Catholic portion of Sewri Cemetery, so as to render the same available for burial places.

"The amount to be paid for by advance from current available balances to be adjusted hereafter as may be sanctioned by the Corporation."

Carried.

* The words from "without" to "charges" were introduced at the suggestion of Mr. Pherozeshah M. Mehta.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7740. "That, as recommended by the Standing Committee in their Resolution No. 6845, dated 12th February last, sanction be given to the payment of Rs. 5,000 from Surplus Cash Balance, to meet the cost of additional advertising and printing, &c., Section IV., Corporation and Standing Committee's Establishment, up to the end of the current financial year."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 7741. "That, as recommended by the Standing Committee in their resolution No. 6655, dated 5th February last, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Sale Mahomed Dharamsi & Co., the highest offer received for the right of skinning dead animals at Kurla, for a period of 5 years, commencing from 1st April next, at Rs. 9,000 per annum."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 7742. "That, as recommended by the Standing Committee in their Resolution No. 6659, dated 5th February last, sanction be given to an arrangement with Haji Rahimtula Suleman, by which in exchange for two plots of Municipal land at Chinchpokli, marked A on the plan accompanying the Committee's Resolution, and admeasuring 7·37 square yards, or thereabout, he gives up and conveys to the Corporation a plot of land, marked B on the said plan, and admeasuring 7·93 square yards, or thereabout; the land to be so conveyed being required for the improvement of the boundary line between the Fire Brigade Station at Chinchpokli and his property."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 7743. "That, with reference to letter No. 1243 B., dated 11th December last, Public Works Department, and para. 8 of Government Resolution, No. 489 C. W. 2066, same Department, dated 2nd idem, the President be requested to refer Government to para. 5 of the report accompanying his letter, No. 2634, dated 3rd July 1888, to the effect—(1) that the slaughter houses at Bandora were erected after the fullest consideration, and that the Corporation do not, under existing circumstances, see any

necessity for removing the slaughter houses to Matunga; and (2) that Pinjrapol does not belong to the Corporation who have nothing to do with its removal.

"That the President be also requested to inform Government that the Corporation's recommendations with regard to para. 6 of the said Resolution, that relating to the question of the terms on which the Municipality should be allowed to raise loans, will be submitted hereafter."

Carried.

Read Government letter No. 1007, Revenue Department, dated 7th ultimo, to the President, as under :—

SIR,—I am desired by the Governor in Council to acknowledge receipt of your letter No. 5849, dated 8th January 1890, in which you request that in the circumstances stated, Government may be pleased so to amend Act V. of 1878 as to concede to the Corporation a yearly sum equivalent to the average revenue now derived from Liquor License Fees.

2. In reply I am to state that Government see no reason for increasing the compensation fixed by law.—I have, &c., T. D. MACKENZIE, Acting Chief Secretary to Government.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That Government letter No. 1007, Revenue Department, dated 7th February last, stating that Government see no reason for increasing the compensation fixed by Act V. of 1878 to be paid to the Municipality in lieu of revenue derived from Liquor License Fees, be *recorded.*"

No. 7744.

Carried.

Read the following letter No. 19113, dated 13th ultimo, to the Secretary :—

SIR,—Under Section 289 of the Municipal Act, I have the honour to request the sanction of the Corporation to the extension of Khara Tank Street, as shown in scored red in the accompanying tracing, inasmuch as this extension is estimated to cost more than Rs. 5,000.

It is not proposed to incur any immediate expenditure, but merely to take advantage of houses being rebuilt just as is now done in ordinary set-back cases.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his letter No. 19113, dated 13th February last, sanction be given, under Section 289 of the Municipal Act, to the extension of Khara Tank Street to Duncan Road as shown in scored red in the tracing* accompanying the letter."

No. 7745.

Carried.

This concluded the business of the meeting.

* Filed in the Supplement to Minute Book for 1889-90, marked A.

ADDRESS TO HIS ROYAL HIGHNESS THE DUKE OF CONNAUGHT AND STRATHEARN, K.G.

BOMBAY, 13*th March* 1890.

THE address from the Corporation to His Royal Highness the Duke of Connaught and Strathearn on his departure from India, was presented to His Royal Highness at the Apollo Bunder, at 5-30 P.M., this day.

The following members of the Corporation were present:—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHALCHANDRA KRISHNA BHATWADEKAR, Esq., L.M.; E. B. CARROLL, Esq., M.I.C.E.; GEORGE COTTON, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; EKNATH RAGHUNATH KHOTE, Esq.; ELAPPA BALARAM, Esq.; FAZULBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L.M. & S.; REGINALD GILBERT, Esq.; GOVARDHANDAS G. TEJPAL, Esq.; A. M. GUBBAY, Esq.; GOVARDHANDAS K. MAKANJI, Esq.; HASAMBHAI VISRAM, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; RAI BAHADUR LACHMON SING; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; NOWROJI BEIRAMJI SUNTOOK, Esq.; PHEROZESHAH MERWANJEE MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RUSTOMJI DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; SHIVAJI DHURMAJI, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; J. W. SMITH, Esq., Deputy Executive Engineer, Drainage; H. W. BARROW, Esq., Municipal Secretary.

The President read the address as follows:—

TO LIEUTENANT-GENERAL HIS ROYAL HIGHNESS ARTHUR WILLIAM PATRICK ALBERT, DUKE OF CONNAUGHT AND STRATHEARN, EARL OF SUSSEX, DUKE OF SAXONY, PRINCE OF SAXE-COBURG AND GOTHA, K.G., K.T., K.P., G.C.S.I., G.G.M.G., C.B., A.-D.-C.

MAY IT PLEASE YOUR ROYAL HIGHNESS,—We, the President and Members of the Municipal Corporation of Bombay, are present to bid Your Royal Highness and Her Royal Highness the Duchess of Connaught a regretful farewell.

Nearly seven years have elapsed since, standing on this spot, we ventured to express the hope that the sojourn in India of Your Royal Highness and of Her Royal Highness, your devoted Consort, would prove a source of new happiness to you both, and that you would find in the affection and regard of all sections of Her Gracious Majesty's loyal subjects in this country, some compensation for prolonged absence from Europe. It is not presumptuous to say that this heartfelt desire has been fully realised. Your Royal Highnesses have evoked the affectionate loyalty of all classes who have been the witnesses of your devotion to the public weal, and have experienced Your Royal Highness's unfailing courtesy and kindly participation in all their interests.

As Commander-in-Chief of the Bombay Army Your Royal Highness has laboured to promote the comfort and well-being of the officers and

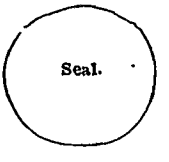
soldiers under your command. The Defences of Bombay and of Aden have been your especial care. The new fortifications of the Island and Harbour, which are necessary for the security of Bombay from menace or attack, have been constructed under Your Royal Highness's watchful supervision. In the midst of many pre-occupations, Your Royal Highness has given personal attention to the most remote stations; and, undeterred by distance and discomfort or treacherous climate, has visited, not only Aden, but the Somali Coast.

In the Legislative Council, Your Royal Highness took part in the labours that attended the elaboration of the new Municipal Act under which this Corporation now administers the affairs of a population of upwards of 900,000 souls who enjoy peace and prosperity under the mild and just rule of Her Gracious Majesty the Queen-Empress. Your Royal Highness has taken an active interest in all that affects the happiness and the progress of this City, and the social welfare of all classes of the community.

Your Royal Highness has been able to give useful assistance in the consideration of the plans for providing for the expansion of Bombay, and you have accorded your approval and support to the removal of the Native Infantry Lines from their present inconvenient situation near the business centre of the City, to Colaba, a measure which will equally benefit the Regiments stationed in Bombay, and the general public.

Her Royal Highness the Duchess of Connaught has likewise given an untiring co-operation in works of beneficence for the alleviation of suffering in the City and Presidency of Bombay. In bidding farewell to Your Royal Highness and to Her Royal Highness the Duchess of Connaught, we venture to express our heartfelt wishes for the unclouded happiness of Your Royal Highnesses in the brilliant Court to which You now return.

The Common Seal of the Municipal Corporation of Bombay, affixed the 13th March 1890, in the presence of



COWASJEE HORMUSJEE, G.G.M.C., *Members of the Standing Committee of the said Corporation.*
JAVERILAL U. YAJNIK,
FAZULBHOY VISRAM,

GRATTAN GEARY, *President.*
H. WYNFORD BARROW, *Municipal Secretary.*

His Royal Highness replied to the address.*

* The reply, as reported in the *Bombay Gazette* and the *Times of India* of the 14th March 1890, was as follows :—

MR. PRESIDENT AND GENTLEMEN OF THE MUNICIPAL CORPORATION OF BOMBAY,—I am deeply sensible of the very kind words that have just fallen from your lips. I thank you for the very cordial manner in which you have referred to Her Royal Highness the Duchess and my-

self and to our stay amongst you. I little thought when I landed here six-and-a-half years ago, that it would be my good fortune to be appointed Commander-in-Chief of the Bombay Army, and in that way to become personally associated with this very thriving, very advanced Presidency. It has been a source of the greatest satisfaction to me to have been connected not only with an army which has a good history, and which has done much good work for the Empire, but also with a Government which has advanced with the times and has always placed itself at the head of any movement for the benefit of the people of this Presidency. It has been a source of satisfaction to me that in this business I have been associated with so enlightened a statesman as Lord Reay. I can assure you, gentlemen, that serving as I have done, under him, it has been a great satisfaction to have been able to be of any help, however small, to his Excellency. With regard to the Bombay Army, I have more than once expressed my respect and esteem for it, and I am certain that in the distinguished officer who has now succeeded me, it will flourish and improve in efficiency and physique. I thank you one and all again for the constant cordiality that I have met with at the hands of the whole population, not only of your splendid City of Bombay, but in Poona and in all parts of the Deccan. I wish you all heartily farewell, and I thank you for the great kindness that you have always shown me. (Applause.)—*Bombay Gazette.*

His Royal Highness, in reply, said :—Mr. President and Gentlemen of the Municipal Corporation of Bombay,—I am deeply sensible of the very kind words that have just fallen from your lips. I thank you for the very cordial manner in which you have referred to Her Royal Highness the Duchess and myself and to our stay amongst you. I little thought when I landed here six-and-a-half years ago that it would be my good fortune to be appointed Commander-in-Chief of the Bombay Army, and in that way to become personally associated with this very thriving and very advanced Presidency. It has been a source of the greatest satisfaction to me to have been connected not only with an army which has a good history, and which has done much good work for the Empire, but also with a Government which has advanced with the times, and has always placed itself at the head of any movement for the benefit of the people of this Presidency. It has been a source of satisfaction to me that in this business I have been associated with so enlightened a statesman as Lord Reay. I can assure you, gentlemen, that serving, as I have done, under him, it has been a great satisfaction to have been able to be of any help, however small, to his Excellency. With regard to the Bombay Army I have more than once expressed my respect and esteem for it, and I am certain that in the distinguished officer who has now succeeded me it will flourish and improve in efficiency and physique. I thank you one and all again for the constant cordiality I have met with at the hands of the whole population, not only of your splendid City of Bombay, but in Poona and all parts of the Deccan. I wish you all heartily farewell, and I thank you for the great kindness you have always shown me. (Applause.)—*Times of India.*

BOMBAY, *20th March* 1890.

At the Special Meeting of the Corporation held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; REGINALD GILBERT, Esq.; GOVARDHANDAS K. MAKANJI, Esq.; HASAMBHAI VISRAM, Esq.; HARKISONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE, M.D.; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEIRAMJI SUNTOOK, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MAHOMED SAYANI, M.A., LL.B.; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L. M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the HEALTH OFFICER; and the SECRETARY.

The signing of the minutes of the ordinary monthly and adjourned monthly meetings held on the 10th instant, of the adjourned ordinary monthly meetings held on the 12th idem, and adjourned ordinary monthly and adjourned special meetings held on the 13th of the same, of the records of the adjourned special meetings called for the 10th, 12th, and of the attendance of Councillors at the Apollo Bandar, at the presentation of farewell address to His Royal Highness the Duke of Connaught on the 13th, was postponed.

The President said, he wished to inform the Corporation that Government, acting at the instance of the Municipality, has now made arragements for providing a free site for a Lepers' Asylum, the foundation stone of which will be laid on Tuesday next by H. R. H. Prince Albert Victor of Wales. His Excellency hopes to be favored with the company of the Corporation at the ceremony, the exact hour and place of which will be notified by circular.

The Commissioner applied to the Corporation, under the provisions of Section 36 (*l*) of the Municipal Act, to consider, as a matter of urgency, the question of the levy of fees for admission to the Victoria Gardens on the occasion of holding the Flower and Horse and Cattle Shows, &c., in connection with the visit of H. R. H. Prince Albert Victor of Wales.

It was agreed that the matter be proceeded with, as applied for by the Commissioner.

Proposed by E. B. Carroll, Esq., seconded by Captain W. P. Walshe—

"That sanction be given to the charging of the following fees of admission to the Victoria Gardens on the occasion of holding the Flower and Horse and Cattle Shows, &c., in connection with the visit of H. R. H. Prince Albert Victor of Wales :— No. 7864.

"Re. 1 per head on Wednesday 26th and Thursday 27th, four annas on Friday 28th and 2 annas on Saturday 29th instant. Children to be admitted at half these rates. Carriages to be admitted within the inner gardens on payment of Re. 1 each.

"Family tickets to admit five for all four days, Rs. 5.

"Annual ticket-holders not to be charged entrance fees.

"For entrance to the outer garden and the museum, no charge to be made."

The opinion of the Solicitors to the Corporation, was read, to the effect that the Corporation has authority to levy reasonable fees from the public frequenting the Victoria Gardens, Government having accorded its sanction to that course.

Carried nem. con.

Proposed by the Hon'ble Mr. Rahimtula M. Sayani, seconded by Hurkisondas Narotamdas, Esq.—

"That the following be *recorded* :—Memorandum No. 20127, dated 7th instant, from the Commissioner, stating that on the 4th idem Mr. Gordhandas Khatao Makunji was elected a Councillor by ratepayers in place of Mr. Narotam Gordhandas, resigned." No. 7865.

Carried.

Read Government letter No. 962, General Department, dated 5th instant, to the President, as under :—

SIR,—In reply to your letter No. 7355, dated 28th ultimo, I am directed to inform you that the Governor in Council has been pleased, under Section 55 of the Municipal Act, 1888, Bombay Act No. III. of 1888, to confirm the appointment by the Municipal Corporation of the city of Bombay of Mr. H. A. Acworth, C.S., to be Deputy Municipal Commissioner for the City of Bombay.

2. Mr. Acworth has been directed to join at once his appointment as Deputy Municipal Commissioner.—I have, &c., J. NUGENT, Chief Secretary to Government.

Also letter No. 20162, dated 8th idem, to the Secretary, as follows :—

SIR,—I have the honour to state for the information of the Corporation that Mr. Acworth reported himself for duty as Deputy Commissioner, under Section 56 of the Municipal Act, and that I have deputed to him the powers and duties of the Commissioner in connection with the Health and Assessment Departments, excepting any questions of re-organization associated with the new schedule.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Thomas Blaney, Esq., seconded by Muncherjee N. Banajee, Esq.—

No. 7866. "That the following be *recorded*:—Government letter No. 962, dated 5th instant, General Department, confirming the appointment by the Corporation of Mr. H. A. Acworth, C.S., as Deputy Commissioner.

"Letter No. 20162, dated 8th idem, from the Commissioner, reporting the powers and duties delegated to Mr. H. A. Acworth, C.S., Deputy Commissioner, in connection with the Health and Assessment Departments, excepting any questions of re-organization associated with the new schedule.

"That, as recommended by the Standing Committee in their Resolution No. 7278, dated 27th ultimo, sanction be given to the grant of Rs. 3,000 from surplus cash balance, to provide for the pay of Mr. Acworth, as Deputy Commissioner for two months."

Carried.

In accordance with the notice of motion, it was—

Proposed by the President, seconded by the Honorable Mr. Rahimtula M. Sayani—

No. 7867. "That the following Committee be appointed to prepare a farewell address and arrange for its presentation to the Right Honorable Lord Reay,

G.C.I.E., Governor of Bombay, on the occasion of his departure from India :—

Sir Jamsetjee Jejeebhoy, Bart., C.S.I. ; Sir Henry Morland, Kt. ; Mr. P. M. Mehta ; Capt. W. P. Walshe ; Mr. Mulji B. Barbhaya ; Mr. Abdula M. Dharamsi ; Mr. Amirudin Tyabji ; Mr. A. M. Gubbay ; and Mr. A. G. Viegas.

"That on the recommendation of the Standing Committee, the Corporation will be prepared to sanction a grant to provide for the cost of illuminating the address, and of a casket to contain the same."

On the proposal of Muncherjee N. Banajee, Esq., seconded by R. D. Sethna, Esq., the names of the President and the Hon'ble Mr. Javerilal U. Yajnik were added to the Committee.

Rider moved by G. W. Roughton, Esq.—

"That the draft address be submitted to the Corporation for adoption before presentation."

The rider was not accepted, and on being put to the vote as an amendment (seconded by Kaikhosro N. Kabraji, Esq)., it was *lost*, the votes being 3 *for* and 39 *against*. The original motion was then *carried nem. con.*

Read letter No. 27860, dated 27th ultimo, to the Commissioner, as follows :—

SIR,—In reference to your letter No. 19724 of this day, I have the honor to inform you that I think Dr. Gray has, in referring to the preparation of the hospitals, referred to the unpreparedness of the Municipal officers to do work which, I think, ought to be done by the officers of the J. J. Hospital. It is only necessary to refer to the correspondence. There has been no question of unpreparedness, but there has been a question of reluctance to incur expense in opening hospitals which might not be required and therefore expense which might be unnecessary.

It has occurred that, if special hospitals had been opened by the Municipality, there would have been no patients to enter them.—I have, &c., T. S. WEIR, Health Officer.

No. 20170, dated 8th March 1890.

Copy forwarded to the Municipal Secretary with reference to the Resolution of the Corporation, No. 7239, dated 20th February. The question is, are the Corporation to provide special hospitals for all cases of infectious diseases at all times, such cases being excluded from the ordinary hospitals, or are they, as heretofore, to provide special temporary hospitals in times of special emergency, leaving the general hospitals to deal with cases of infectious disease on ordinary occasions. If the Municipality is to have a hospital always ready for the accommodation of patients suffering from infectious diseases, a permanent staff must be provided.—E. C. K. OLLIVANT, Commissioner.

Also memorandum No. 26117, dated 13th ultimo, to the Commissioner, as under :—

Memorandum.—The following establishment, &c., I propose for the 24 beds :—

	Per mensem. Rs.
Medical Officer	150
Apothecary	80
Compounder	35
6 Ward boys	60
2 Ayahs	24
1 Cook	11
2 Halalkhors .. .	23
Rupees..	383

	Rs.	
Fitting up ...	1,000	
Establishment ...	383	per mensem.
Stores ...	150	„
Medicine, &c. ...	100	„
Food, &c. ...	169	„

There are now in the Kamatipura Hospital 10 beds ready.—T. S. WEIR, Health Officer.

No. 20390, dated 11th March 1890.

Copy forwarded to the Municipal Secretary, with reference to Corporation Resolution No. 6528 of 30th January last.—H. A. ACWORTH, Deputy Commissioner.

Proposed by Thomas Blaney, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

No. 7868. "That the consideration of Government letters Nos. 5097 and 561, General Department, dated 11th December and 3rd February last, respectively, and memoranda No. 20170, dated 8th instant, from the Commissioner, and No. 20390, dated 11th idem, from the Deputy Commissioner, be postponed till the next meeting."

Carried.

Proposed by Thomas Blaney, Esq., seconded by Rahimtula Khyraz, Esq.—

No. 7869. "That the following be *recorded* :—Resolution of the Standing Committee, No. 7384, dated 5th instant, forwarding, for the information of the Corporation, letter No. 19782, dated 28th February 1890, from the Commissioner, reporting that, pursuant to the Resolution of the Corporation No. 6522, dated 30th January 1890, the arrangements thereby sanctioned with Messrs. Walsh, Lovett, Mitchell & Co., the contractors for the Tansa duct, have been carried out, a supplemental contract in terms of the said resolution having been entered into with Messrs. Walsh, Lovett, Mitchell & Co., on the 20th February last ; and that, under the same sanction, an advance of Rs. 1,20,000, on account of the increased rates conditionally agreed to in respect of work executed prior to 1st November 1889, was, on the 20th February last, made to Messrs. Walsh, Lovett, Mitchell & Co., upon the security of an assignment by way of mortgage to the Cor-

poration, of the contractors' entire plant now and in future to be brought on the works, the Municipal Inspectors being placed in possession of such plant on behalf of the Corporation, but the Contractors of course being permitted the free use of it for the purposes of the work."

Carried.

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

No. 7870. "That the Municipal Commissioner be requested to report to the Corporation at an early date how he proposes to use the water collected in the Pawai Reservoir during the year 1890-91.

"1. Probable date when it will be delivered in the City.

"2. The quantity that will be drawn off daily.

"3. Whether it will be delivered direct into the 32″ main at Vehar ?

"4. Whether the whole quantity drawn off daily will be delivered into the Bhandarwada Reservoir, and will there all be passed through the filters ?

"5. The total filtering area available at Bhandarwada, deducting the area which must be reserved for cleansing and drying.

"6. Rate per square yard of filtering surface at which the filtering will be effected.

"7. Whether the filters are efficient or may be improved, and if capable of improvement how the improvements may be made ?

"8. Is the present staff employed at the filters intelligent, efficient and sufficient?

"9. The daily quantity of water that will be drawn off from the Vehar Reservoir when the Pawai water is in use, shown as (*a*) daily delivery by the 32″ main and (*b*) daily delivery by the 24″ main.

"10. Localities which will be supplied by (*a*) the Pawai water, (*b*) Vehar water by the 32″ main, and (*c*) Vehar water by the 24″ main.

"11. Estimated population of the three above localities, shown separately.

"12. The number of days the sludge pipe will be allowed to discharge and the quantity that will be discharged each day."

The motion was seconded by Eknath R. Khote, Esq., and *carried* by a majority.

BOMBAY, 20*th March* 1890.

AT the adjourned ordinary Meeting of the Corporation (originally called on the 9th January last, for the consideration of the Budget Estimates for the year 1890-91, and adjourned from the 30th idem), held this day, there were present :—

GRATTAN GEARY, Esq., *President.*

AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; J. P. CORNFORTH, Esq.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPILAS, Esq.; DAMODAR THAKERSEY MULJI, Esq.; J. R. DUXBURY, Esq.; EKANATH RAGHUNATH KHOTE, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq; GOVARDHANDAS K. MAKANJI, Esq.; HASAMBHAI VISRAM, Esq.; HURKISONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; HAROLD R. KING, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SING; SURGEON-MAJOR G. A. MACONACHIE, M. D.; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L. M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; NAOROJI BEIRAMJI SUNTOOK, Esq., RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; SHIVAJI DHURMAJI, Esq.; TRIBHOWANDAS VARJIWANDAS, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.; ACCACIO GABRIEL VIEGAS, Esq., L.M. & S.; CAPTAIN W. P. WALSHE.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

Considered the following :—

Report of the Committee of the Corporation appointed to report on the Schedule of New Municipal offices and the proposed increases in the pay of existing appointments.—Together with minutes by Members of the Committee.

The Committee appointed by the Corporation on the 13th January 1890, as per margin,

"That a Committee of the Corporation, consisting of the following Councillors, be appointed to consider and report upon the list of the new offices exceeding Rs. 200 per mensem, proposed to be created as per schedule prepared under Section 79 of the Municipal Act, which require the sanction of the Corporation, and the proposed increases of existing appointments as estimated for under the heads of different Departments in the Budget of the Standing Committee for 1890-91, and that the Committee be requested to make their report within two months.

"That the Budget Estimates provide for the new appointments contained in the schedule as well as the proposed increases in existing salaries above Rs. 200 per mensem; but that no expenditure on account of the new appointments or of such increases be made until the report of the Committee has been received and disposed of by the Corporation."

No. 6102.

COMMITTEE.—MR. E. B. CARROLL; MR. PHEROZESHAH M. MEHTA; MR. BHALCHANDRA K. BHATAVADEKAR; MR. DINSHAW E. WACHA; MR. J. R. DUXBURY; THE HON'BLE MR. RAHIMTULA M. SAYANI; RAO SAHEB VASUDEV J. KIRTIKAR; DR. KHORY; AND MR. JAVERILAL U. YAJNIK.

beg to report that seven meetings have been held, at most of which the Commissioner and the several heads of the departments concerned were present.

A copy of the Schedule of new appointments and proposed increases in the pay of existing appointments, as recommended by the Committee for sanction, is appended hereto and marked **A.**

The Commissioner's Personal Office Establishment.—The Commissioner requires the assistance of a competent Assistant, and the Committee recommend that the maximum salary of the appointment be entered at Rs. 400 per mensem.

Accounts and Expenditure Audit Establishment.—INSPECTOR OF STORES.—The majority of the Committee are of opinion that no case is

made out for the creation of the new appointment of Inspector of Stores, and, accordingly, the appointment has been struck out of the Schedule.

Property and Wheel Tax Establishment.—ASSISTANT ASSESSOR.—Having regard to the large increase in the work of the Assessment and Collection Department, the Committee agree that there is a necessity for the services of a Third Assistant, but they recommend that, instead of the maximum salary being fixed at Rs. 350 per mensem with Rs. 50 allowance as entered in the Schedule, the maximum pay be fixed at Rs. 300 with Rs. 50 allowance, making the total maximum pay and allowance Rs. 350 a month.

REGISTRAR AND ACCOUNTANT.—The pay of this appointment is entered in the Schedule by the Commissioner at Rs. 250 per mensem (the present pay is Rs. 200) on the ground that increased responsibility has devolved on the appointment owing to increased revenue, whilst the enhanced salary has been fixed according to the salaries of somewhat similar posts in other departments. The Committee recommend that the pay be fixed at Rs. 150 per mensem, rising to Rs. 250 a month.

Revenue and Refund Audit Establishment.—The Committee are of opinion that it would be most undesirable to create the post of Revenue and Refund Audit Officer as asked for by the Commissioner. If such audit be necessary, it should be carried out under the direction and in the department of the Chief Accountant, and the Corporation may be asked to strengthen suitably that department for the purpose.

Licensing Establishment.—SUPERINTENDENT OF LICENSING.—The majority of the Committee are of opinion that there should be such an officer as "Superintendent of Licensing." The Committee also agree that there should be a maximum and minimum salary. In the Schedule, the salary was entered at Rs. 350 with Rs. 50 allowance. The Committee propose that the salary should be Rs. 200 per mensem, rising to Rs. 300, with Rs. 50 allowance.

The Commissioner states that, in point of revenue and of safety, the present licensing arrangements are very unsatisfactory, for which reason it is proposed to strengthen the present establishment and to appoint a special supervising officer.

Fire Brigade.—CHIEF OF THE FIRE BRIGADE.—Regarding the question of the appointment of Chief of the Fire Brigade, the Committee have already made their recommendations, which have been approved and sanctioned by the Corporation.

Victoria Gardens.—SUPERINTENDENT.—There should be a maximum and a minimum salary for this appointment, and the Committee recommend that the figures be entered at Rs. 400 per mensem, rising to Rs. 500, the officer employed being engaged on a three years' contract. The Superintendent is provided with free quarters in the Gardens.

Executive Engineer's Establishment (General).—CHIEF CLERK AND ACCOUNTANT.—The present pay of this appointment is Rs. 150 a month. In the Schedule the maximum is entered at Rs. 250. The Committee propose that the figures be entered at Rs. 175, with a maximum of Rs. 250.

CHIEF SURVEYOR.—The present pay of this appointment is Rs. 200. In the Schedule the salary is entered at Rs. 200 with Rs. 50 allowance, which figures, the Committee recommend, should be sanctioned.

Drainage.—DEPUTY EXECUTIVE ENGINEER.—Considering the responsible duties of the Deputy Executive Engineers, the Commissioner proposes that their maximum salaries be raised from Rs. 900 and Rs. 800 respectively to Rs. 1,000.

The Committee are of opinion that the pay of these two appointments should be the same ; that the minimum should be Rs. 650 and the maximum Rs. 900 per mensem.

Water Works.—DEPUTY EXECUTIVE ENGINEER.—(See preceding para.)

CHIEF INSPECTOR (WATER WORKS).—The Committee concur with the Commissioner, and the Deputy Executive Engineer, Water Works, as to the advantage of the Chief Inspector of Water Works being on the spot to superintend the distributing arrangements at Babula Tank Road on the occasion of fires. The Committee therefore recommend the Corporation to sanction the payment of Rs. 50 per mensem to the Chief Inspector in lieu of house rent. They are of opinion, however, that this arrangement should only last for the ensuing year, and that in the meantime quarters should be built at once as close as possible to the Babula Tank Road sluices, sufficient to accommodate an officer of the Water Works, and a sluiceman.

Streets and Buildings.—ADDITIONAL DIVISIONAL SUPERINTENDENT.—The Committee agree that the appointments of Superintendents should be graded, and that, as there is a large increase in the work of this branch, a third Superintendent should be appointed. The salary of Rs. 400 and the allowance of Rs. 50, as proposed by the Commissioner, have been retained by the Committee.

DIVISIONAL SUPERINTENDENT.—The Committee recommend that the pay of this appointment be increased by Rs. 50 as entered in the Schedule by the Commissioner.

CHIEF INSPECTOR.—The Committee do not consider the appointment of Chief Inspector necessary, and the item has not been entered in the Schedule.

Markets and Slaughter Houses.—After discussing with the Committee the question of the proposed allowance of Rs. 50 per mensem to the Superintendent of Markets on account of the work of verifying weights and measures, the Commissioner withdrew the proposal. The Committee, however, propose that the minimum pay of the appointment of Superintendent be fixed at Rs. 300 per mensem with Rs. 50 conveyance, rising to a maximum of salary and allowance of Rs. 600 with free quarters.

ASSISTANT SUPERINTENDENT OF MARKETS.—The maximum pay of this officer, who has charge of the Slaughter Houses and has to reside there, has been left at the amount proposed by the Commissioner, Rs. 250, with free quarters. The present pay is Rs. 225 per mensem.

P. M. MEHTA.
DINSHAW E. WACHA.
R. N. KHORY.
BHALCHUNDRA KRISHNA.

12*th February* 1890.

A.

Proposed new Offices (the aggregate emoluments of which exceed Rs. 200) in the Schedule under Section 79 of the Act.				Present corresponding Appointments (if any).				REMARKS BY THE COMMISSIONER.
Designation.	Salary.	Allowance.	Total.	Designation.	Salary.	Allowance.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
				Commissioner's Personal Office Establishment.				
Assistant to the Commissioner and Superintendent of Printing and Stationery.	400 0 0	.....	400 0 0	Assistant to the Commissioner.	300 0 0	.....	300 0 0	Increased work in current duties of office. Increased work in connection with assessment questions will devolve on the Assistant when the Special Officer gives the whole of his time to Revenue Audit and Refund duties. The supervision of Printing and Stationery, it is also proposed to transfer from the Municipal Secretary to this appointment.
				Property and Wheel-Tax Establishment.				
* Assistant Assessor..	300 0 0	50 0 0	350 0 0	.....	.....	.....	.....	The large increase in the number of properties, and consequently in the work of the Assessment Department has rendered it practically impossible for the present two Assistant Assessors to do the work satisfactorily.

* Strictly speaking the only new Offices are, in the opinion of the Solicitors, those marked with an Asterisk.

Proposed new Offices (the aggregate emoluments of which exceed Rs. 200) in the Schedule under Section 79 of the Act.				Present corresponding Appointments (if any).				REMARKS BY THE COMMISSIONER.
Designation.	Salary.	Allowance.	Total.	Designation.	Salary.	Allowance.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
Registrar and Accountant.	150 0 0 rising to Rs. 250.	.....	250 0 0	Registrar and Accountant.	200 0 0	.....	200 0 0	Increased responsibility has devolved on this appointment owing to increased revenue, and the increased salary has been fixed according to salaries of somewhat similar appointments in other departments.
				Licensing Establishment.				
*Superintendent of Licensing.	200 0 0 rising to Rs. 300.	50 0 0	350 0 0	.....	.....	.....	.....	In point of revenue and of safety the present arrangements are very unsatisfactory. It is proposed to strengthen the present Establishment and to appoint a Special Supervising Officer.
				Fire Brigade.				
*Chief of the Fire Brigade.	500 0 0 Subject to the	..... terms of the	500 0 0 Resolution	..... of the Corporation,	..... No. 6521,	..... dated 30th	..... Jan. 1890.	The new Municipal Act imposes on the Municipality increased obligations in respect of the Fire Brigade, the present organisation of which is defective, both in numbers and quality. Towards meeting the requirements of the Act, provisional rules have been made, but for training and discipline, it is most desirable that there should be such a Chief of the Fire Brigade as is contemplated by the Act, and in the first instance the post should be filled by the appointment of an Officer of approved experience from the London metropolitan or other well-established Fire Brigade.

* Strictly speaking the only new Offices are, in the opinion of the Solicitors, those marked with an Asterisk.

Proposed new Offices (the aggregate emoluments of which exceed Rs 200) in the Schedule under Section 79 of the Act.				Present corresponding Appointments (if any).				Remarks by the Commissioner.
Designation.	Salary.	Allowances.	Total.	Designation.	Salary.	Allowances.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
				Victoria Gardens.				
Superintendent.	400 0 0 rising to Rs. 500 on a 3 years' contract.	.....	500 0 0	Superintendent	250 0 0	50 0 0	300 0 0	The present salary is not, as a maximum, adequate to secure and retain the services of the class of man required, who, as in the case of the present Superintendent, should be a highly trained Specialist.
				Executive Engineer's Establishment.				
GENERAL. *Chief Clerk and Accountant.	175 0 0 rising to Rs. 250.	.....	250 0 0	Head Clerk	150 0 0	.....	150 0 0	The Chief Clerk and Accountant will exercise a general supervision over the whole Office Staff of the several branches of the Engineer's Establishment.
Chief Surveyor	200 0 0	50 0 0	250 0 0	Head Surveyor	200 0 0	.....	200 0 0	The Chief Surveyor will stand in the same relation to the Surveyors and Draftsmen as the Chief Clerk and Accountant to the Office Staff. As his duties extend over the whole of the Island, a conveyance allowance has been proposed for him.

* Strictly speaking the only new Offices are, in the opinion of the Solicitors, those marked with an Asterisk.

Proposed new Offices (the aggregate emoluments of which exceed Rs. 200) in the Schedule under Section 79 of the Act.				Present corresponding Appointments (if any).				Remarks by the Commissioner.
Designation.	Salary.	Allowance.	Total.	Designation.	Salary.	Allowance.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
DRAINAGE.								
Deputy Executive Engineer.	650 0 0 rising to Rs. 900.	.....	900 0 0	Deputy Executive Engineer.	900 0 0	.....	900 0 0	Considering the responsible duties of these Officers, it is considered that their salaries should not be less than Rs. 1,000.
WATER WORKS.								
Deputy Executive Engineer.	650 0 0 rising to Rs. 900.	.....	900 0 0	Deputy Executive Engineer.	800 0 0	.....	800 0 0	
Chief Inspector	300 0 0	50 0 0	350 0 0	Chief Inspector	300 0 0	.....	300 0 0	An allowance of Rs. 50 is proposed to be made to the Chief Inspector for whom no quarters are provided, but who should be resident as near as possible to the Babula Tank Road and Bhendi Bazar Sluices, which form the centre of the distributing arrangements for the Vehar Water and where prompt and effective action is always required in case of fire.
STREETS AND BUILDINGS.								
*Additional Divisional Superintendent	400 0 0	50 0 0	450 0 0	.....	.....	.....	.....	For proper and efficient supervision in respect of roads, buildings and lighting, it is proposed to divide the Island into 3 divisions, each in charge of a Superintendent, who will be a qualified Assistant Engineer. At present there are only 2 Superintendents.
Divisional Superintendent.	350 0 0	50 0 0	400 0 0	Superintendent	300 0 0	50 0 0	350 0 0	

* Strictly speaking the only new Offices are, in the opinion of the Solicitors, those marked with an Asterisk.

Proposed new Offices (the aggregate emoluments of which exceed Rs. 200) in the Schedule under Section 79 of the Act.				Present corresponding Appointments (if any).				Remarks by the Commissioner.
Designation.	Salary.	Allowance.	Total.	Designation.	Salary.	Allowance.	Total.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	
			Markets and Slaughter Houses.					
Superintendent	300 0 0 with Rs. 50 conveyance allowance, rising to Rs. 600.	50 0 0	600 0 0	Superintendent	600 0 0	.....	600 0 0	The work of verifying "weights and measures" has been placed under the Superintendent, for which it is proposed to make to him an allowance of Rs. 50 per mensem.
Assistant Superintendent.	250 0 0	.....	250 0 0	Assistant Superintendent.	225 0 0	.....	225 0 0	The present salary of this appointment is, it is considered, under-paid.

* Strictly speaking the only new Offices are, in the opinion of the Solicitors, those marked with an Asterisk.

Memorandum by the Secretary.—I beg to draw the attention of the Committee to the following facts :—

1. By the striking out of the appointment of Inspector of Stores, the Workshops stores will be left without a Chief Stores Clerk, the existing appointment (Rs. 150 per mensem) being, under the Schedule arrangement, merged into the new appointment. The Stores Clerk (for the Workshops), provided for in the Schedule is to receive Rs. 40 (his present pay), and his whole time has to be given to the supervision of the Workshops accounts. The existing post of Chief Stores Clerk has existed ever since 1865, and up to 1871 there was also a Storekeeper on Rs. 400 a month. The Chief Stores Clerk has to check the purchase and the issue of stores and disinfectants, of the value of about Rs. 1,50,000 annually. It is obvious that some competent person must be employed for this work.

2. As the proposed appointment of Revenue and Refund Audit Officer has been struck out, there is no provision for next year for the services of a Special Assistant to the Commissioner, or for the Audit Clerk, Town Duties (Chief Accountant's Office), Assistant ditto, allowance for audit of Market accounts, or for the Town Duties Refund Establishment, *all* of which are existing appointments of many years' duration.

Last year the refund of Town Duties was Rs. 8,78,331.

Unless the Committee intend to propose that the *existing* arrangements in these respects continue, these points will have to be reconsidered, I presume.

H. W. B.

As the whole Schedule is not referred to the Committee, I think that these are matters which must be left to be discussed by the Corporation.

P. M. MEHTA.
R. N. KHORY.

MINUTES OF MEMBERS.

I dissent from this report, and object to the manner in which it was arrived at. Previous to the meeting of 10th instant, this Committee held six meetings, at which there was a full quorum, and, whether large or small, were regular meetings in every sense. At all these the Commissioner was present, and the heads of the different departments were present at the meetings in which the appointments, which particularly concerned them, were under discussion.

At these six meetings the Committee had a full explanation from the executive of the necessity for each appointment; it most carefully considered and decided upon them all.

The meeting of the 10th instant was called as a "final" meeting, the real purpose of which was to agree on the terms of the report,

the matter of which had already been determined upon at the six meetings above mentioned.

Neither the Commissioner nor any of the heads of Departments were present at it. Members of the Committee, some of whom had either not been present at any of the previous meetings or only at one or two, and who had not heard the reasons given for the appointments, and who are therefore ignorant of the necessity for them, carried votes reducing the emoluments and abolishing appointments decided upon at the previous six meetings.

I do not deny the *power* of a majority of the Committee to alter the previous decisions of the same Committee, but I say that, under the circumstances, the proceeding was not only unwise, but most improper ; the alterations were carried by votes of persons who had not heard the careful explanations of the executive officers of the Municipality, which, I am certain, would have entirely altered their views.

I felt it my duty, however unpleasant, to protest against this procedure and leave the meeting.

I now attach a Schedule of the appointments and emoluments, which I recommend the Corporation to adopt; it comprises all the decisions of the first six meetings of this Committee, with alteration only in the appointments of Executive Engineers of Drainage and Water Works, the maximums of which should, in my opinion, go up to Rs. 1,000 each.

The Corporation has, in my opinion, suffered serious loss in their Engineering staff being weak; it will be a real saving to strengthen it in numbers and also in emoluments so as to attract or retain the services of sufficiently good men. The maximum salaries, I propose, are considerably lower than similar appointments upon the Railways, which are joint stock concerns earning a dividend, but who find it to *their interest* to have a strong staff and pay them up to a good standard.

I do not deny that many years hence, when the great amount of work now in hand shall be accomplished by the Municipality, it may be possible to do with a smaller executive; but at the present time it will be a great mistake not to sanction a strong executive, and will lead to the loss in works, of vastly more than will be saved in salaries.

These remarks apply in part to many of the other appointments, and I draw attention to the memorandum by the Municipal Secretary, which shows the practical impossibility of working with some of the reductions proposed. The Secretary's memorandum should, I consider, be printed with the papers to go to the Corporation, unless the Committee will, as suggested, reconsider those reductions.

E. B. CARROLL.

13th February 1890.

Proposed new Offices (the aggregate emoluments of which exceed Rs. 200) in the Schedule under Section 79 of the Act.				Present corresponding Appointments (if any).			
Designation.	Salary.	Allowance.	Total.	Designation.	Salary.	Allowance.	Total.
Commissioner's Personal Office Establishment.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Assistant to the Commissioner and Superintendent of Printing and Stationery.	500	...	500	Assistant to the Commissioner.	300	...	300
Accounts and Expenditure Audit Establishment.							
*Inspector of Stores	200	30	230	Chief Stores Clerk.....	150	...	150
Property and Wheel-Tax Establishment.							
*Assistant Assessor	800	50	350	.....	...	...	...
Registrar and Accountant... .	150 rising to Rs.250	...	250	Registrar and Accountant.....	200	...	200
Revenue and Refund Audit Office Establishment.							
*Revenue and Refund Audit Officer.	600 rising to Rs.800	...	800	Special Assistant to the Commissioner for the examination of the Revenue Accounts and for checking Refunds.	600	...	600
Licensing Establishment.							
*Superintendent of Licensing	200 rising to Rs.300	50	350	....	...	...	...
Fire Brigade.							
*Chief of the Fire Brigade ...	500	...	500	.....	...	...	...
Subject to the terms of	the Reso	lution	of the	Corporation, No. 6521, dated	30th Jan	uary	1890.
Victoria Gardens.							
Superintendent	400 rising to Rs.500 on a 3 years' contract.	...	500	Superintendent	250	50	300
Executive Engineer's Establishment.							
GENERAL.							
*Chief Clerk and Accountant.	175 rising to Rs.250	...	250	Head Clerk	150	...	150
Chief Surveyor	200	50	250	Head Surveyor	200	...	200
DRAINAGE.							
Deputy Executive Engineer.	650 rising to Rs.900	...	1,000	Deputy Executive Engineer.	900	...	900
WATER WORKS.							
Deputy Executive Engineer.	650 rising to Rs.900	...	1,000	Deputy Executive Engineer.	800	...	800
Chief Inspector	800	50	350	Chief Inspector	300	...	300
STREETS AND BUILDINGS.							
*Additional Divisional Superintendent.	400	50	450	.....	...	...	...
Divisional Superintendent...	350	50	400	Superintendent	300	50	350
*Chief Inspector.....	250	50	300	.....	...	...	...
Markets and Slaughter Houses.							
Superintendent	300 with Rs. 50 conveyance allowance rising to Rs. 600.	50	600	Superintendent	600	...	600
Assistant Superintendent.....	250	...	250	Assistant Superintendent.....	225	...	225

* Strictly speaking the only new offices are, in the opinion of the Solicitors, those marked with an Asterisk.

MEMO.

I cannot, I regret to say, concur in the opinion expressed by the majority of the Committee which met on the 10th instant for the purpose of deciding upon a report to be submitted to the Corporation, conveying the results of the six meetings held previously, inasmuch as the proceedings were, I consider, somewhat irregular. The meeting convened was for the purpose of considering the report only, and not undoing all that had been done at the previous meetings, when every item in the Schedule had been fully discussed with the assistance of the Municipal Commissioner and Heads of Departments to afford information when required by the Committee. Six meetings were held previously, at most of which I was present. Two of the gentlemen nominated to the Committee did not attend any of those meetings, and only one was present at the meeting of the 10th instant, which was convened for the purpose of agreeing to a report being submitted to the Corporation. At this meeting it was proposed to go into the whole question of the appointments *de novo* as though the six previous meetings had not been held. It appeared to me to be an unusual proceeding and one which could not lead to much good, inasmuch as it would not be possible to have the assistance or explanation of the Municipal Commissioner and of the Heads of Departments, and although it was decided by the majority that the items should be discussed afresh, it was seen, soon after the meeting commenced, that the majority of the members intended to reverse the decisions arrived at by the six previous Committees. I could not, therefore, do otherwise than agree with Mr. Carroll that our presence at the meeting would be of no good, and that we had better retire from it.

I am of opinion that the Municipal Commissioner requires substantial assistance, and that the salary for such assistance be that agreed on by the Committee in the first instance.

Similarly, for reasons explained by the Commissioner and after due consideration, I am of opinion that the proposed alteration or the modification of the superintendence of stores, would secure good results by conducing to economy by a better record being kept of the stores.

I am of opinion that an Assistant Assessor should be appointed for the Property and Wheel Tax Department, and that his salary should be Rs. 300 with Rs. 50 house allowance, or Rs. 350 in all, being Rs. 50 less than that proposed in the Schedule.

I am also of opinion that a Registrar and Accountant should be appointed on Rs. 150 rising to 250, in lieu of the present appointment at Rs. 200.

I wish to confirm what was done at the meeting previous to that of the 10th instant, that a Revenue and Refund Auditor be appointed at Rs. 600 rising to 800, in lieu of the officer already similarly employed drawing Rs. 600.

From the discussion that took place at the meeting, I am of opinion that a Superintendent of Licensing should be appointed at Rs. 200 rising to Rs. 300.

I fully concur in the recommendation for the appointment of a Chief of the Fire Brigade at Rs. 500 per mensem, which, I may remark, has already been agreed to.

Instead of Rs. 500 per mensem as proposed in the Schedule, I am favourable to a salary of Rs. 400 per mensem rising to 500, with house-rent free, as at present, being given to the Superintendent, Victoria Gardens.

Instead of a General Chief Clerk and Accountant at Rs. 250 as proposed, I am favourable to the appointment at Rs. 175 rising to 250.

I am favourable to the Chief Surveyor receiving Rs. 50 horse allowance, making his total salary Rs. 250.

The Deputy Executive Engineer, Drainage, and the Deputy Executive Engineer, Water Works, ought, I think, to commence at Rs. 650 and rise to 900 each as agreed to at the meeting.

It is, I consider, of much importance that the Chief Inspector, Water Works, should have a thorough knowledge of the water distributing arrangements, and should reside in a locality where he can perform his duties to the best advantage. The recent great fires that have taken place in the Fort and in the Native Town present, I think, strong reasons why this view of the matter should be considered, and I am therefore favourable to Rs. 50 per month, house allowance, being given him.

For the reasons assigned in the Schedule and in consequence of the personal explanations afforded by the Commissioner at the meeting, I am favourable to the appointment of an additional Divisional Superintendent for streets and buildings, bearing in mind the increasing extent of the city and the large number of buildings going on.

I also concur in the proposal that the present Divisional Superintendent have his salary increased Rs. 50 per mensem.

I think, considering the state of our roads and the large sum of money paid annually for road metal, sand-stone and in labour to repair the roads, the additional supervision recommended might with advantage be secured.

The Committee decided that the Superintendent of Markets and Slaughter Houses' remuneration should remain at Rs. 600 as at present, but that a future holder of such appointment be graded to commence at Rs. 300, with Rs. 50 horse allowance, rising up to Rs. 600, with free quarters. In this I concur.

Assistant Superintendent, Markets.—I concur in the decision arrived at at the meeting that the amount entered in the Schedule, Rs. 250 per mensem, with free quarters, be sanctioned ; which means an increase of salary of Rs. 25 per mensem.

J. R. DUXBURY.

15*th February* 1890.

I do not think the Secretary's explanation touching the Workshops' Stores Clerk is correct. At any rate that was not the explanation given to the Committee by the Commissioner when the matter was discussed.

The second matter regarding Revenue and Refund Audit Officer had better be discussed by the Corporation. I agree with Mr. P. M. Mehta that, as the *whole* Schedule is not referred to the Committee, both the points raised in the Secretary's circular had better be left to the consideration of the Corporation.

D. E. WACHA.

17*th February* 1890.

It is true that six meetings of the Committee were held before the meeting of the 10th February, but the fact must not be lost sight of that most of the decisions of the Committee were come to at these meetings of 3 or 4 members, chiefly by the casting vote of the Chairman. The meeting of the 10th February was the only one attended, I believe, by eight out of nine members who form the Committee. Whether this meeting is bound by the previous resolutions arrived at in the manner indicated above is a point for consideration.

Mr. Barrow's Memo. suggests difficulties of a practical character in carrying out the recommendations formulated at the meeting of the 10th instant. They are, I think, deserving of consideration. If the proposed office of an Inspector of Stores is struck out of the Schedule, the existing appointment of Chief Stores Clerk (Rs. 150 per mensem) will have to be retained. I see no objection to its retention.

As to the proposal of the majority of the Committee to strike out the office of the Revenue and Refund Audit, I must say I do not at all see the justice or expediency of it. On the contrary, I am inclined to think that a Revenue and Refund Audit is *absolutely needed* in the interests of the Municipality and for the following reasons:—

Firstly, the office is needed for the protection and punctual collection of Municipal revenue. If such an office had been in existence the defalcations in the Engineer's Department, which put the Municipality to a loss of Rs. 20,000 a few years back, would have been easy of detection.

Secondly, the office is sorely needed, because for the last 20 years there has been no regular audit of Municipal revenue, and because it is an admitted fact that the Chief Accountant is unable to overtake, as it is, the audit of the expenditure side, and declines, I am informed, to undertake the responsibility of a revenue audit. If the Chief Accountant would not do the audit, surely some one must do the work, and see that every available item of revenue is got at.

Thirdly, the amalgamation of the Audit and Refund Offices has the distinct merit of *economy* to recommend it, as would appear from below :—

Cost of distinct offices.		*Cost of the proposed amalgamation.*	
Special Assistant	... Rs. 600	Revenue and Refund Audit Office	Rs. 800
Town Duty Refund Officer.	„ 350		
	Rs. 950		

There is, thus, a clear saving of Rs. 150, resulting from the proposed amalgamation. It may be contended that the Revenue and Refund Audit Office may be placed under the Chief Accountant as forming part of the General Audit Department. Speaking for myself, I do not see of what advantage this would be as long as the appointment of the Chief Accountant rests with the Commissioner. There would be something to be said for it, if the Chief Accountant were, like the Executive Engineer and the Health Officer, appointed by the Corporation. Such, however, is not the case under the present Act, and it would be, in my opinion, of no advantage to bring the Revenue and Refund Auditor under the Chief Accountant, when both the Chief Accountant and the Revenue Auditor are under the control of the Municipal Commissioner and not directly responsible to the Corporation. On the other hand, it would be a distinct advantage to the Municipal Commissioner to give his orders *direct* to the Revenue and Refund Officer in the numerous appeal cases which the latter officer has to dispose of. The new office must thus recommend itself to the Corporation in the interests of convenience, economy, punctual collection, and safety of Municipal revenue, and I, for one, would deprecate any attempt to abolish it.

JAVERILAL U. YAJNIK.

22*nd February* 1890.

I refrain here from saying anything on the question of a constitutional character raised in the minutes of Messrs. Carroll and Duxbury in respect of the proceedings of the meeting of the Sub-Committee on the 10th instant, but I agree *generally* with the recommendations of the majority of the Sub-Committee as formulated in the report that was settled at that meeting. I understand that

the recommendation to strike out from the Schedule the appointment of Inspector of Stores and of Revenue and Refund Audit Officer cannot have the effect of doing away with the existing offices of a like nature. The duty of the Sub-Committee appointed by the Corporation was simply to report whether the new appointments suggested by the Municipal Commissioner should be created, and not whether the already existing ones should be abolished altogether without any provision being suggested to supply the want. This could not, I apprehend, be done by a Committee invested with a limited authority.

VASUDEW JAGANNATH.

25*th February* 1890.

I am sorry any difference of the nature indicated by the lengthy minutes of Messrs. E. B. Carroll and J. R. Duxbury should have arisen at the last meeting of the Committee, but I believe that, after the Chairman had ruled that the consideration of the several items be re-opened, there was no further objection left on that point.

The points raised by the Municipal Secretary are well worth considering. I believe, however, the recommendations of the Committee to strike out the new appointments of Inspector of Stores and the Revenue and Refund Audit Officer are not meant to abolish the existing offices of a similar nature. The argument brought forward by Mr. P. M. Mehta on the subject of the latter appointment appeared to my mind to be so sound that I voted for the striking out of that new office. I wish we had the cogent reasons put forward by Mr. Javerilal in his very able minute before the Committee which discussed this report on the 10th instant. They would have received, no doubt, due consideration, and would in all probability have influenced the members in forming their conclusions. However, it is a matter that should be left to the Corporation to decide.

I generally concur in the recommendation of the majority of the Committee.

BHALCHANDRA KRISHNA.

25*th February* 1890.

I regret the line adopted by Messrs. Carroll and Duxbury in this matter. They left the meeting of the 10th February 1890, although requested by the Chairman to stay. That meeting was avowedly called to get the views of all the members, as the previous meetings had not been well attended, and in most cases the so-called resolutions were the opinions of two out of nine members of

the Committee. At the very outset of the meeting of the 10th February 1890, the Chairman explained the object of calling the meeting, and the meeting resolved upon going through the report. The Commissioner was, no doubt, absent from this meeting, but the reasons he had given for his proposals were explained to the meeting. The complaint of Messrs. Carroll and Duxbury is not, therefore, well founded. In fact, they never asked that the meeting should be postponed on account of the absence of the Commissioner. Even after Messrs. Carroll and Duxbury had sent in their memos, they were asked, through the Secretary, if they wanted another meeting to be called, and they were told that, if they wished, another meeting would be called. They said they did not want another meeting. I may add that I was, and am still, of the opinion that what the Corporation wanted was the opinion of the whole, or a majority, of the Committee, and not of two out of nine members; and that the Committee had a perfect right to revise its report before the same was actually signed; and that the only *proper* course for the two protesting members was the one pointed out to them by the Chairman, namely, to stay at the meeting and to urge their views regarding the matter referred to the Committee. To leave the meeting, as they did, simply amounted to a declaration that the minority was not bound by the views of the majority—a declaration, by the way, diametrically opposed to the notion of Local Self-Government.

R. M. SAYANI.

4th March 1890.

Proposed by Bhalchandra K. Bhatawadekar, Esq., seconded by Vandrawandas Purshotumdas, Esq.—

"That the consideration of the report of the Committee regarding the schedule of new appointments be postponed."

On a division the motion was *lost*, the votes being 7 *for* and 18 *against*.

Proposed by the Hon'ble Mr. Rahimtula Mohamed Sayani, seconded by Bhalchandra K. Bhatawadekar, Esq.—

"That the report of the Committee of the Corporation *re* list of new offices exceeding Rs. 200 per mensem, proposed to be created as per schedule, and the proposed increases in existing salaries above Rs. 200 per mensem, be approved and adopted."

First amendment, moved by E. B. Carroll, Esq., seconded by J. R. Duxbury, Esq.—

"That the schedule of new Municipal offices and proposed increases in the pay of existing appointments be sanctioned as under:—

Designation.	Salary.	Allowance.	Total.
Commissioner's Personal Office Establishment.	Rs.	Rs.	Rs.
Assistant to the Commissioner and Superintendent of Printing and Stationery.	500	...	500
Accounts and Expenditure Audit Establishment.			
*Inspector of Stores	200	30	230
Property and Wheel-Tax Establishment.			
*Assistant Assessor	300	50	350
Registrar and Accountant	150 rising to Rs. 250	...	250
Revenue and Refund Audit Office Establishment.			
*Revenue and Refund Audit Officer	600 rising to Rs. 800	...	800
Licensing Establishment.			
*Superintendent of Licensing	200 rising to Rs. 300	50	350
Fire Brigade.			
*Chief of the Fire Brigade	500	...	500
Subject to the terms of the Resolution of the Corporation, No. 6521, dated 30th January 1890.			
Victoria Gardens.			
Superintendent	400 rising to Rs. 500 on a 3 years' contract.	...	500
Executive Engineer's Establishment.			
GENERAL.			
*Chief Clerk and Accountant	175 rising to Rs. 250	...	250
Chief Surveyor	200	50	250
DRAINAGE.			
Deputy Executive Engineer...	650 rising to	...	1,000
WATER WORKS.			
Deputy Executive Engineer	650 rising to	...	1,000
Chief Inspector	300	50	350
STREETS AND BUILDINGS.			
*Additional Divisional Superintendent	400	50	450
Divisional Superintendent	350	50	400
*Chief Inspector	250	50	300
Markets and Slaughter Houses.			
Superintendent....	300 with Rs. 50 conveyance allowance rising to Rs. 600	...	600
Assistant Superintendent	250	...	250"

Proposed by Thomas Blaney, Esq., seconded by Eknath R. Khote, Esq.—

"That the meeting be adjourned."

On a division there were 9 votes *for* the adjournment and 22 *against* it, and the proposition for adjournment was *lost*.

* Strictly speaking the only new offices are, in the opinion of the Solicitors, those marked with an asterisk.

Second amendment moved by Colonel G. L. C. Merewether, seconded by Dr. Maconachie—

"That the schedule of new Municipal offices and the proposed increases in the pay of existing appointments be sanctioned, as proposed by the Commissioner and approved by the Standing Committee, as follows :—

No. 7871.

Designation.	Salary.	Allowance.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Commissioner's Personal Office Establishment.			
Assistant to the Commissioner and Superintendent of Printing and Stationery.	500 0 0	.....	500 0 0
Accounts and Expenditure, Audit Establishment.			
*Inspector of Stores	200 0 0	30 0 0	230 0 0
Property and Wheel-Tax Establishment.			
*Assistant Assessor	350 0 0	50 0 0	400 0 0
Registrar and Accountant	250 0 0	.....	250 0 0
Revenue and Refund Audit Office Establishment.			
*Revenue and Refund Audit Officer	800 0 0	.....	800 0 0
Licensing Establishment.			
*Superintendent of Licensing	350 0 0	50 0 0	400 0 0
Victoria Gardens.			
Superintendent	500 0 0	.....	500 0 0
Executive Engineer's Establishment.			
GENERAL.			
*Chief Clerk and Accountant	250 0 0	.....	250 0 0
Chief Surveyor	200 0 0	50 0 0	250 0 0
DRAINAGE.			
Deputy Executive Engineer	1,000 0 0	.....	1,000 0 0
WATER WORKS.			
Deputy Executive Engineer	1,000 0 0	.....	1,000 0 0
Chief Inspector	300 0 0	50 0 0	350 0 0
STREETS AND BUILDINGS.			
*Additional Divisional Superintendent ...	400 0 0	50 0 0	450 0 0
Divisional Superintendent	350 0 0	50 0 0	400 0 0
*Chief Inspector	250 0 0	50 0 0	300 0 0
Markets and Slaughter Houses.			
Superintendent	600 0 0	50 0 0	650 0 0
Assistant Superintendent	250 0 0	.....	250 0 0

On a division there were 17 votes *for* and 4 *against* the second *amendment*, which was *carried* as the *substantive motion* by 23 votes against 4.

This concluded the business of this meeting.

* Strictly speaking the only new offices are, in the opinion of the Solicitors, those marked with an asterisk.

LAYING THE FOUNDATION STONE OF THE LEPERS' ASYLUM BY H. R. H. PRINCE ALBERT VICTOR CHRISTIAN EDWARD OF WALES.

BOMBAY, *25th March* 1890.

AT the ceremony this day of laying the foundation stone of the Sir Dinshaw M. Petit's Lepers' Home by H. R. H. Prince Albert Victor of Wales, K.G., K.P., on a site granted by Government at Trombay, the following members of the Corporation were in attendance.

They were conveyed to Trombay Bandar from Mazagon Pier in a P. & O. Steam tug provided for their accommodation; and after the ceremony returned to Bombay, for the most part, by the same vessel.

ABDULLA MEHERALLI DHARAMSI, Esq.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq., C.S.I.; J. R. DUXBURY, Esq.; EKNATH RAGHUNATH KHOTE, Esq.; ELLAPA BALARAM, Esq.; FAZALBHAI JUMABHAI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; FRAMJI DORABJI DIVECHA, Esq.; GOVARDHANDAS G. TEJPAL, Esq.; GOVARDHUNDAS K. MAKUNJI, Esq.; HASAMBHAI VISRAM, Esq.; SIR JAMSETJEE JEEJEEBHOY, BART., C.S.I.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAYA KARADI LINGU, Esq.; K. M. SHROFF, Esq.; RAI BAHADUR LUCHMON SINGH; SURGEON-MAJOR G. A. MACONACHIE; MANEKJEE BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq; NAOROJI BEIRAMJI SUNTOOK, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE Mr. RAHIMTULA MOHAMED SAYANI; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq.; SHIVAJI DHURMAJI, Esq.; E. F. UNDERWOOD, Esq.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

Owing to illness, the President was unable to be present.

The Municipal Officers in attendance at the ceremony were :—

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; SORABJEE N. COOPER, Esq., Chief Accountant; JAMES W. SMITH, Esq., Deputy Executive Engineer, Drainage; W. PEARSON, Assistant to the Commissioner; and H. W. BARROW, Esq., Municipal Secretary.

At the conclusion of the laying of the foundation stone, Thomas Blaney, Esq., Chairman of the Standing Committee, proposed, and Sir Jamsetjee Jejeebhoy seconded, a vote of thanks to H. R. H. for his kindness in presiding.

His Royal Highness duly acknowledged the vote.

*

* The reports of these proceedings were published in the *Times of India* and *Bombay Gazette* of 26th March 1890, and in other local newspapers.

FAREWELL ADDRESS TO HIS ROYAL HIGHNESS PRINCE ALBERT VICTOR CHRISTIAN EDWARD OF WALES, K.G., K.P.

BOMBAY, *28th March* 1890.

The Farewell Address from the Corporation to His Royal Highness Prince Albert Victor Christian Edward of Wales, on his departure from India, was presented to His Royal Highness at the Apollo Bandar, at 5 P.M., this day.

The following members of the Corporation were present:—

GRATTAN GEARY, Esq., *President.*

ABDULLA MEHERALLI DHARAMSI, Esq., B.A., LL.B.; AMIRUDIN TYABJI, Esq.; ANANDRAO NARAYEN VASUDEO, Esq.; BHAGWANDAS NAROTUMDAS, Esq.; BHALCHANDRA KRISHNA BHATAWADEKAR, Esq., L.M.; THOMAS BLANEY, Esq.; BYRAMJEE NUSSERWANJEE SERVAI, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DAMODAR TAPIDAS, Esq.; DAMODAR THAKERSI MULJI, Esq.; DARASHAH R. CHICHGAR, Esq.; DOSABHAI FRAMJI, Esq. C.S.I.; J. R. DUXBURY, Esq.; ELAPPA BALARAM, Esq.; FAZALBHAI JUMABHI LALJI, Esq.; FAZULBHOY VISRAM, Esq.; J. F. FERNANDEZ, Esq.; FRAMJI DORABJI DIVECHA, Esq., L. M. & S.; GOVARDHANDAS G. TEJPAL, Esq.; GOVARDHANDAS KHATAO MAKANJI, Esq.; A. M. GUBBAY, Esq.; HASAMBHAI VISRAM, Esq.; HURKISONDAS NAROTUMDAS, Esq.; JAGMOHANDAS VANDRAWANDAS, Esq.; SIR JAMSETJEE JEJEEBHOY, BART., C.S.I.; JAMSEDJI KHARSEDJI KAMA, Esq.; JAMSHEDJEE PALLONJEE KAPADIA, Esq.; JAYA KARADI LINGU, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; T. B. KIRKHAM, Esq.; RAI BAHADUR LUCHMON SINGH; MANEKJI BEHRAMJI DADABHAI, Esq.; MEHERJIBHAI RASTAMJI SETNA, Esq., L.M. & S.; COLONEL G. L. C. MEREWETHER, R.E.; MIRZA HUSSEIN KHAN, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; KHAN BAHADUR MUNCHERJEE COWASJEE MURZBAN, ASSOC. M.I.C.E.; MANCHERJEE NOWROJEE BANAJEE, Esq.; NAOROJI BEHRAMJI SUNTOOK, Esq.; NARAYEN GANESH CHANDAVARKAR, Esq., B.A., LL.B.; PHEROZESHAH M. MEHTA, Esq.; RAHIMTULA KHAIRAZ, Esq.; THE HON'BLE MR. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.; RASTAMJI NASARVANJI KHORY, Esq., M.D., M.R.C.P. (London).; RUSTOMJEE DHUNJEEBHOY SETHNA, Esq., B.A., LL.B.; G. W. ROUGHTON, Esq.; SHIVAJI DHURMAJI, Esq.; E. F. UNDERWOOD, Esq., B.A., M.D.; VANDRAWUNDAS PURSHOTUMDAS, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; H. A. ACWORTH, Esq., C.S., Deputy Commissioner; JAMES W. SMITH, Esq., Deputy Executive Engineer, Drainage; J. LEASK, Esq., Assistant Health Officer; and the MUNICIPAL SECRETARY.

The President read the address as follows :—

TO HIS ROYAL HIGHNESS PRINCE ALBERT VICTOR EDWARD OF WALES, K.G., K.P.

MAY IT PLEASE YOUR ROYAL HIGHNESS,—We, the President and Members of the Municipal Corporation of Bombay, bid you farewell on this Pier, where, four months since, we had the happiness of welcoming Your Royal Highness to India. In the interval Your Royal Highness, following in the footsteps of the Prince of Wales, Your Royal Father, has been received throughout the vast dominions of the Queen-Empress with demonstrations which testify to the affectionate loyalty of contented populations, rejoicing in a peace and prosperity previously unknown in their long and troubled history.

This prevailing sentiment of loyalty binds together the whole country in a moral and political unity not less potent for good than the

material appliances of civilization, of which the most striking is that ever-growing system of Railways, which has abridged distances and supplied the means of developing the immense foreign trade which has made Bombay so flourishing.

In this City, where, as Your Royal Highness so graciously said, you are not amongst strangers but surrounded by friends, there are fuller evidences of the fruitful results of a Reign of Peace which has given free scope to the enterprise and intelligence of an innumerable and industrious people.

It is a source of sincere gratification to the City that Your Royal Highness so cordially responded to the invitation which in November last we ventured to proffer, and that a few days were set apart, during which the citizens have had the pleasure of seeing in their midst the grandson of the Queen-Empress and the Heir of the Heir Apparent, destined in the fulness of years to succeed to that great and weighty Heritage, the Royal and Imperial Crown of England and of India.

We respectfully wish Your Royal Highness God-speed on the approaching voyage, and a happy return to your ancestral Home in England.

The Common seal of the Municipal Corporation of Bombay, affixed the 28th March 1890, in the presence of

(Seal.)

GRATTAN GEARY,
President.

MULJI BHOWANIDASS BARBHAYA,
K. M. SHROFF,
FAZULBHOY VISRAM,
Members of the Standing Committee of the said Corporation.

H. W. BARROW,
Municipal Secretary.

His Royal Highness replied to the address as follows and handed the President a signed copy (which is filed on the records):—

MR. PRESIDENT AND MEMBERS OF THE MUNICIPAL CORPORATION OF BOMBAY,—It is with feelings of very real regret that I am about to leave the shores of this intensely interesting country after the most enjoyable tour that it is possible for anyone to make. As you remind me, it is more than four months since I first set foot in India on this spot, and during the whole of that time my journey from beginning to end has been one prolonged course of delight and instruction. My expectations have been far more than realised, and I am turning my steps towards England deeply impressed and thoroughly interested with all I have seen and heard. The welcome I have received from all classes, Europeans and Natives alike, has shown me how great is the unanimity that exists in loyalty and devotion to the throne and person of Her Majesty the Queen-Empress, for it is only as her grandson that the strong hand of friendship has been extended to me at every turn. It is impossible for me to describe in words how greatly I have enjoyed myself and how happy I have been; but I may say that, if beyond the personal gratification any word or action of mine has served to add one iota towards strengthening the unanimity to which I have referred, I

shall feel that my visit has not been in vain. I have indeed had a splendid opportunity of observing the system of railways, which is gradually being extended over the whole peninsula, for since landing in Bombay I have travelled by rail over more than 7,000 miles with speed and in the greatest comfort. With such unrivalled assistance for developing foreign trade as railways afford, supplemented, as they are here, by the magnificent docks which have been and are being constructed under the energetic policy and wise administration of the Port Trustees, there can be no doubt this great port of Bombay must go on increasing in commercial prosperity and importance. It has given me the greatest pleasure to have been able to spend the last few days of my tour in this beautiful city, where the heartiness of the welcome that has been given me could not possibly have been surpassed. I am sorry that, acting under medical advice, I was prevented from witnessing the illuminations and fire-works prepared in my honour with such open-handed liberality and excellent taste on Wednesday evening. I regret it all the more from the knowledge that I missed a remarkably beautiful sight and the most enthusiastic display of loyalty that could have been seen anywhere in the world. In conclusion let me thank you, gentlemen, for the kind terms used in the farewell address you have just presented to me. Let me also take this opportunity of expressing my heart-felt gratitude to the whole of Bombay, and also to the entire population of India, for their generous and kindly treatment of me since I came among them; and in now bidding you farewell, let me express a fervent hope that India may continue to prosper under the beneficent rule of the Queen-Empress.

ALBERT VICTOR, Major, X Royal Hussars.

BOMBAY, 28*th March* 1890.

H. WYNFORD BARROW,
Municipal Secretary.

MUNICIPAL OFFICE,
Bombay, April 1890.

PART II.

PROCEEDINGS OF THE STANDING COMMITTEE OF THE CORPORATION.

BOMBAY, 3*rd April* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*
COWASJEE HORMUSJEE, Esq., G.G.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; NANABHOY B. JEEJEEBHOY, Esq.; RAGHUNATH NARAYEN KHOTE, Esq., C.I.E.; THE HON'BLE Mr. RAHIMTULA MOHAMED SAYANI, M.A., LL.B.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 27th ultimo, were signed.

No. 20. *Resolved* : " That, as applied for by the Commissioner in his memoranda Nos. 22619 and 2352, dated 31st ultimo and 1st and 2nd instant, sanction be given, under section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures built without permission :—

Name of Owner.	Where.
Mr. Lalljee Ramjee	...*Privy at Dongri Street.*
Hadji Noor Mahomed Hadji Abdulla	... *House at Nos. 17-21, Khara Tank Road.*
Shaik Enus Shaik Usman Kalsekar ...	... *House at No. 17, Belvidere Road."*

No. 21. *Resolved* : " That the following be *recorded* :—Memorandum from the Commissioner, No. 176, dated this day, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfers of Rs. 5,95,353-6-8 from (1) the Sanitary Works Loan Sinking Fund deposit account, Rs. 52,765-6-8 ; (2) the Municipal Building Fund deposit account, Rs. 90,088 ; (3) the Drainage and Water Works Loan deposit account of 12 lakhs, Rs. 3,00,000; (4) the Tansa Loan deposit account No. 1, Rs. 1,50,000 ; and (5) the Sinking Fund deposit account, to the Municipal General Fund pass book, on the 25th and 30th March 1889."

No. 22. *Resolved* : " That, under the circumstances mentioned in the Acting Executive Engineer's No. 16634B, dated 28th March, and as asked for by the

Commissioner in his memorandum No. 22532, dated 29th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Goolam Hossein Ebrahimjee on a site close to the G. I. P. Railway station at Matunga, shown on the tracing* marked A, dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down, or determined."

No. 23. *Resolved* : "That, under the circumstances mentioned in the Acting Executive Engineer's No. 16635-B, dated 28th March 1889, and as asked for by the Commissioner in his memorandum No. 22533, dated 29th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Ranchordas Bhagwandas on a site close to the B. B. & C. I. Railway level crossing at Matunga, shown on the tracing* marked B, dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down, or determined."

No. 24. It was agreed that the papers relative to the proposal of Government, that the interment of paupers shall be at municipal expense, be postponed till next meeting, and that in the meantime the papers relating thereto, be circulated.

No. 25. *Resolved* : "That, as applied for by the Commissioner in his letter No. 185, dated 3rd instant, sanction be given, under Section 517 (*f*) of the Municipal Act, to the compromising of the claim of Messrs. Littlewood and Dadabhai, contractors for the supply of road metal during the year 1888-89, by the payment to them of Rs. 1,800 on account of deductions from their bills, amounting to Rs. 3,349-12-0."

It was agreed that letter No. 12, dated 1st instant, from the Commissioner, and draft regulations forwarded therewith, for the guidance of licensed surveyors and plumbers, be printed, circulated and brought on for discussion at the next meeting.

No. 26. *Resolved* : "That the following be placed on the list of outstanding business:—Resolution of the Corporation, No. 7178, dated 20th March 1889,

* Filed in Supplement to Minute Books marked A.

as follows :—'That the consideration of report by Sir John Fowler, K.C.M.G., on the Malabar Hill and John Hay Grant Reservoirs, be postponed, pending the receipt of the recommendation thereon of the Standing Committee.'"

No. 27. *Resolved*: "That, as recommended by the Commissioner in his letter No. 14, dated 1st instant, sanction be given to the services of sub-inspectors for the Waste Water Prevention, being allowed to contribute towards the Pension Fund from the date of their permanent appointments."

The consideration of the question of the supply of Vehar water to Kurla was postponed till next week.

Read letter, dated 5th January 1889, from Mr. John Campbell, F.R.I.B.A., forwarding tracings of plan and sections of the proposed new market in Mugbhat Lane, and asking that the conditions sanctioned by the late Town Council in their Resolution No. 3855, dated 15th August 1888, may be modified. Read also letter No. 186, dated 3rd instant, to the Secretary as follows :—

SIR,—In reply to your references, Nos. 5580, 5952 and 6036, dated 7th January, 8th and 18th February 1889, respectively, I have the honour to state that (1) the letter from the Executive Engineer, No. 12876-B, dated 23rd January 1889—copy of which is attached—gives my opinion as to details in this particular instance.

2. I again express my very decided opinion that no new private markets should be allowed. I would add that all private markets, the continuation of which may be deemed desirable, should be acquired as soon as possible as opportunities may offer.

3. Under Section 402 of the Municipal Act, it is for the Corporation to determine whether the establishment of new markets shall be permitted in the city or in any specified portion of the city. Such determination, therefore, is to be in respect of localities or districts, not individuals ; but until it is arrived at, no permission can be given in a particular case. The manner in which this power is exercised is of the greatest importance, not only to the inhabitants of a particular locality, but to all present and future rate-payers.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

No. 12876-B OF 1888-89.

BOMBAY, 23*rd January* 1889.

The conditions laid down in Town Council Resolution No. 3855, dated 15th August 1888, should be adhered to in respect of the proposed market at Mugbhat. It will be seen from the plans and sections that sufficient space for ventilation will not be provided around the market. Except as regards the roadway on the north and

east, it will be surrounded on all sides by buildings. The buildings shown in the sections (on the south and west), though now low ones, will probably be raised hereafter, and the Municipality cannot prevent additions to the height. The argument adduced regarding the insufficient ventilation of the Bhuleshwar Market does not apply, as that market is an old one and it is intended to rebuild it immediately with improved provision for light and air. The Bhuleshwar Market, too, is a vegetable market exclusively, and not used for fish and mutton as suggested in the Engineer's report. The areas given, of various markets does not appear to have any particular bearing on the passages between the stalls of the proposed market.

JAMES W. SMITH, C.E., Acting Executive Engineer.

No. 28. *Resolved:* "That, in default of the determination of the Corporation, contemplated by Section 404 of the present Municipal Act, the Standing Committee have no power to entertain the application of Messrs. Runchordas Harjiwandas, Bhimji Morarjee, Gokuldas Devji, and Wellji Soonderjee, to be allowed to open a private market at Mugbhat."

Read memorandum No. 2, dated 1st instant, from the Municipal Secretary, forwarding, for remarks of the Standing Committee, petition, dated 1st idem, to the President of the Corporation, from Hari Fakira and other mahars, requesting that they may be granted a plot of ground for erecting a Dharam Chowdie and sufficient space for at least 1,000 persons at Foras Road, or Chaupati, or Kamathipura. Also letter, dated the same, to the Chairman of the Standing Committee, from same on the above subject.

No. 29. *Resolved*: "That Hari Fakira and other mahars be informed that their request to have made over to them a plot of ground for erecting a Dharam Chowdie and sufficient space for at least 1,000 persons at Foras Road, or Chaupati, or Kamathipura, cannot be complied with.

"That copy of this Resolution be forwarded to the Corporation with reference to the Municipal Secretary's endorsement No. 2, dated 1st instant."

No. 30. It was agreed that the papers on the question of admission or otherwise of the subordinate staff of the Gokuldas Tejpal Hospital to the Municipal Pension Fund, be circulated, and that the consideration thereof be postponed.

It was agreed that the consideration of the following Progress Report, up to February last, of Tansa Water Works, be postponed and that the report be printed on the minutes of this day's meeting.

Letter No. 1754, dated 27th March 1889, from the Executive Engineer, Tansa Water Works, to the Commissioner :—

SIR,—I have the honour to forward herewith, accompanied by three statements, Progress Report of the Tansa Works up to the end of February 1889. The progress diagrams have been brought up to same date and replaced in the Committee room.—I have, &c.,

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

No. 22472 OF 1888-89.

Submitted to the Standing Committee for information.

E. C. K. OLLIVANT, Commissioner.

Tansa Dam.—During the month the outturn of masonry was 384,900 cubic feet, making the total quantity executed from the commencement of the work 4,013,900 cubic feet. The average daily rate of progress was equal to that of the previous month. 162,000 cubic feet of excavation in foundations, &c., was taken out. The daily average number of work-people employed during the month was 9,400. The daily average number of carts was 1,200, and that of pack-bullocks and donkeys 1,700. Fever still prevails. The number of deaths reported during the month was 16, from various causes.

Duct.—Excavation and masonry work was in progress at several points along the line. The progress is not as good as is desirable, but the obstacles to be contended against are very great. The unhealthiness of the districts is a serious drawback, and the execution of work on the sides of the hills, where the conduit is located, is full of difficulties. The contractors are exerting themselves to get as large an outturn of work as is practicable. Fair progress was made with tunnelling. The Bassein Creek bridges work is getting on satisfactorily. The daily average number of people employed on the duct works was 11,000. On the 16th of the month Mr. James, C.E., of the firm of contractors, Messrs. Walsh, Lovett, Mitchell & Co., died at Wassind after a very short illness. He was managing partner on behalf of Messrs. Mitchell & Co. He was a gentleman of untiring energy, and had exerted himself to the utmost to overcome the difficulties the contractors have had to contend with. He was a conscientious worker and one in whom confidence could be placed. His death occurring in the height of the working season is no inconsiderable loss to the contractors.

Cast-iron Pipes—The S.S. *Ganges* and *Lord Londonderry*, bringing 2,300 tons of pipes, arrived in harbour on the 20th of the month and had commenced delivery of their consignments.

Statement shewing progress made with the masonry of the Tansa Dam.

Description.	R. L. of river bed portion.	Quantity of masonry executed.	Quantity remaining (approximate.)
		c. ft.	
State of work at opening of season 1888-89	347	27,08,100	
Work done in October and November 1888	350	2,06,900	64,86,200 c.ft.
Work done in December 1888 ...	353	2,90,000	
Do. in January 1889 ...	358	4,24,000	
Do. in February 1889 ...	361	3,84,900	
Total ...		40,13,900	

Statement showing progress of work on the principal items of the Tansa Duct, Season 1888-89.

	Total progress up to					Remaining to be done (approximately.)
	31 May '88.	30 Nov. '88.	31 Dec. '88.	31 Jan. '89.	28 Feb. '89	
Excavation for conduit ..... c.ft.	53,50,000	62,40,000	72,90,000	83,60,000	92,53,000	1,01,07,000
Masonry in conduit ,,	4,07,134	4,16,600	4,51,400	5,65,100	7,25,400	52,59,600*
Tunnelling ..... l. ft.	2,500	4,300	4,700	5,214	5,695	*
Excavation on pipe track ..... c.ft.	28,18,000	29,14,000	30,41,000	31,67,000	32,18,000	18,20,000
Embankment .... ,,	53,94,000	55,70,000	59,57,593	65,01,000	65,89,000	2,79,000
Tramway laid .... l. yd.	11,024	13,388	14,600	14,600	14,600	15,320
Erecting Bassein Creek Bridges .. Tons	550	1,050	1,240	1,380	1,530	670

* See details attached.

TANSA DUCT.—Detail of progress made in tunnels up to the 28th February 1889.

No. of Tunnel.	PROGRESS MADE.			Remaining to be done (approximately.)	Remarks.
	N. face.	S. face.	Total.		
	l. ft.	l. ft.	l. ft.	l. ft.	
1	.....	.....	232	.....	Driven through.
1a	.....	244	244	284	
2	708	2,294	3,002	5,000	
3	175	175	350	715	
4	448	246	694	1,605	
5	.....	.....	619	.....	Driven through.
6	.....	.....	.....	740	
7	144	410	554	2,864	
			5,695	11,208	

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

No. 31. It was agreed that the consideration of the question of charging Rs. 15 per month to the Khatau Makonji S. & W. Co., Ld., for drawing water from the Sankli Tank be postponed, and that the papers relating thereto, be circulated.

The consideration of application for sanction to the settlement proposed by the Deputy Executive Engineer of the contract with the Bombay Co., Ld., for the supply of fire hydrants and sluice valves was further postponed.

No. 32. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 183, dated 3rd instant, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

No. 33. In accordance with notice of motion, Colonel Merewether proposed that the Municipal Commissioner be requested to favour the Standing Committee with an expression of his views with regard to whether the Engineering Department of the Municipality is not very much undermanned ; and should he be of opinion that it is so, to state the extent to which it should be raised, in order to bring it to proper strength.

It was agreed to postpone the consideration of the question until the schedule to be framed under section 79 is under discussion.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 1st April 1888.*

Read and *recorded* memorandum No. 11, dated 1st instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of owner.	Estimated damage.	Cause of fire.
1889.				Rs.	
March 25	Tindal Street.	A godown filled with wool and cotton.	Messrs. Kanji Purbut and Mahomed Meya and others.	26,400	Unknown ; supposed to be careless smoking.

* *See* Appendix B.

Read and *recorded* the following :—

Letter No. 22586, dated 30th ultimo, from the Commissioner, to the Acting Executive Engineer, as follows :—

Sir,—As there have been numerous complaints about the lighting of the city and of kerosine oil lighting in particular, I was not inclined to accept any one of the three tenders received for kerosine oil lighting during 1889-90, because it seemed to me that the tendered rates were too low for the satisfactory discharge of the contract, but as the lowest tenderer, Mr. Jangam Dharmaji, after repeated warning has assured both of us that, for the rates quoted, he is perfectly willing and able to fulfil all the contract conditions (which I have told him will be most strictly enforced), I find no good reason for refusing to accept his tender. I therefore accept it in accordance with the approval of the Standing Committee already obtained. It seems unnecessary to specify any particular brand in the contract as the important thing is, to insist on oil being up to the 150° test.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Memorandum No. 13, dated 1st April 1889, as follows :—

Copy forwarded to the Municipal Secretary for information. The rates are shown in the accompanying statements.

E. C. K. OLLIVANT, Commissioner.

	Rate for 1889-90.	Rate for 1887-88.	Rate for 1888-89.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Lighting and extinguishing, &c., kerosine oil lamps and keeping them in repairs. (3 tenders received)—				
Kerosine oil lights	1 0 9	1 1 0	1 2 0	Per each per mensem.
Special lights with 3 burners	1 3 0	1 1 0	1 2 2	
Supply of new lanterns	2 8 0	1 12 0	2 8 0	
Supply of teakwood posts, 12′ × 4″ × 4″.	2 0 0	4 0 0	2 0 0	
Supply of iron brackets	0 8 0	0 10 0	0 8 0	
Supply of lantern lamp post, &c., complete	5 0 0	3 8 0	5 0 0	

Read letter No. 187, dated 3rd instant, from the Commissioner, to the Secretary as follows :—

Sir,—For the work of putting in the foundations of the new Municipal buildings, four tenders have been received in response to advertisement.

The lowest of these is Mr. Jivanji Jamasji Mistri's and this, subject to the approval of the Standing Committee, I propose to accept at the rates entered in the attached statement.

The approximate cost of this part of the work will be Rs. 40,000.—I have, &c., E. C. K. OLLIVANT, Commissioner.

SCHEDULE C.

Schedule of Rates.

Description of Work.	Rate.			Per
	Rs.	a.	p.	
Excavation of foundations and filling in excavated earth	1	4	0	100 cubic feet.
Removing rock	4	0	0	Do.
Blue basalt rubble stone and lime masonry in foundations	22	0	0	Do.
Lime concrete in foundations	22	0	0	Do.
Pure cement concrete in foundations	65	0	0	Do.
Best Portland Cement	10	0	0	Barrel containing from 2·75 to 3 cwt. of cement.

No. 35. *Resolved:* "That, as proposed by the Commissioner in his letter No. 187, dated 3rd instant, sanction be given to the acceptance of the tender of Mr. Jivanji Jamasji Mistri, the lowest of four tenders received, for putting in the foundations of the new Municipal buildings at schedule rates."

Read letter No. 184, dated 2nd instant, from the Commissioner, to the Secretary as follows:—

SIR,—I have the honor to forward herewith two letters received from Mr. Stevens, and to state that, although the Corporation have made the necessary pecuniary provision for the construction of the new Municipal Offices according to the estimate, and for the purchase of land, and have approved of Mr. Stevens' services being engaged and paid for at the usual rate sanctioned by the Institute of British Architects, yet no grant has yet been formally made for this remuneration and for the payment of the subordinate staff. The sum due to Mr. Stevens for the work done up to date is, according to the regular scale, Rs. 17,086-2-0, and the balance to be paid will be Rs. 46,376-6-0. This might be paid in 42 monthly instalments of Rs. 1,104 inasmuch as Mr. Stevens considers that the work should be done in 42 months, and I understand from Mr. Stevens, that this arrangement will be agreeable to him. In the current year, therefore, it will be necessary to provide for 11 such instalments in addition to Rs. 17,086-2-0 already due. The cost of the subordinate establishment as estimated by Mr. Stevens will be Rs. 523 per mensem up to the completion of the work. It will be necessary in the current year to provide 11 such instalments. As the work is to begin immediately, the establishment must be engaged forthwith. Pending formal sanction being obtained, I propose to pay Mr. Stevens an advance of Rs. 5,000 on account. —I have, &c.,

E. C. K. OLLIVANT, Commissioner.

P.S.—Since writing the above I have again seen Mr. Stevens, and find that it will be necessary to pay him in the current year not only Rs. 17,086-2-0, but also Rs. 14,645 which will be due on the delivery

by him of quantities and estimates, say in September next. Thus the monthly instalment to make up the balance will be Rs. 755-8-0 instead of Rs. 1,104. It is also necessary to provide for such extra contingencies as hoarding, and printing, and stationery, which will be covered by a grant, say Rs. 2,000 in all. Thus the appropriations of the current year on these accounts should be :—

	Rs.	a.	p.
Percentage now due to architect, *viz.*, 1¾ per cent. on estimates	17,086	2	0
Do. do. in September, *viz.*, 1½ per cent. on estimates	14,645	0	0
Balance of fees Rs. 31,731-6-0, being 3¼ per cent. on estimates			
11 instalments at Rs. 755-8-0	8,310	8	0
Subordinate establishment—			
11 instalments at Rs. 523...	5,753	0	0
Extra contingencies, half provision	1,000	0	0
Total ...Rs.	46,794	10	0

No. 5. ELPHINSTONE CIRCLE, NEAR PORT TRUST OFFICE,

BOMBAY, 28*th March* 1889.

E. C. K. OLLIVANT, Esq., C.S., C.I.E.,

Municipal Commissioner, Bombay.

SIR,—I have the honour to submit my account amounting to Rs. 17,086-2-0 for preparing preliminary sketches, designs, &c., of the new Bombay Municipal buildings lately approved and sanctioned by the Corporation, and shall feel obliged by your arranging for the payment of the same at your earliest convenience. I enclose a copy of the schedule of charges sanctioned by the Royal Institute of British Architects, of which institution I have the honour to be a fellow, giving you the details of professional services included in the usual charge of 5 per cent. for your information. I have sub-divided the 5 per cent. as follows, in order that you may know what work has to be done :—

Preliminary sketches, designs, drawings (plans, elevations and sections), general description and approximate estimate already submitted	1¾
Specification, working and detail drawings and instructions for execution	2
General supervision and superintendence of works (exclusive of clerk of the works, maisteries, &c.), examining and passing the accounts (exclusive of measurments and making out entries and omissions)	1¼
Total charge per cent. ...	5

In accordance with the instructions contained in the minutes of the Corporation forwarded to you by the Municipal Secretary, a copy of which accompanied your No. 21433 of 14th March 1889, I will prepare

the detailed quantities and estimate, the usual charge for which will be 1½ per cent. on the amount of estimate, *vide* items 12 and 15 of schedule of charge.—I have, &c.,

FREDERICK W. STEVENS, F.R.I.B.A., A.M.I.C.E.

MUNICIPAL COMMISSIONER OF BOMBAY.....*Dr.*

To F. W. STEVENS, F.R.I.B.A., A.M.I.C.E., Architect, Civil Engineer and Surveyor.....*Cr.*

	Rs.	a.	p.
To preparing preliminary sketches, designs, general drawings (plans, elevations and sections), approximate estimate and description of the new Municipal buildings, Bombay, in accordance with the Municipal Commissioner's No. 4577 of 18th June 1888, and accompaniment, at the rate of 1¾ per cent. on Rs. 9,76,350, the amount of the approximate estimate	17,086	2	0

Bombay, 28th March 1889.

No. 6.

BOMBAY, *28th March* 1889.

E. C. K. OLLIVANT, ESQ., C.S., C.I.E.,
Municipal Commissioner, Bombay.

SIR,—With reference to your verbal instructions of the 25th instant, I have the honour to submit the following estimate of establishment that will be required to supervise the erection of the new Municipal buildings, and shall feel obliged by your obtaining sanction to the same at an early date :—

		Salary per month. Rs.	a.	p.
1.	Resident Engineer or clerk of the works in charge, who will prepare measurements and bills, give instructions, supervise work under the Architect and Engineer's orders, &c.	250	0	0
2.	Maistry for supervising excavations, rubble masonry concrete, Coorla and blue cutstone work, plastering, &c.	65	0	0
3.	Maistry for supervising Porebunder stone work, carving, mouldings, &c.	60	0	0
4.	Maistry for supervising carpentry work	55	0	0
5.	Chief mukadam for supervising mixing of mortar concrete, &c....	22½	0	0
6.	Assistant mukadam...	16	0	0
7.	Clerk to Assistant Resident Engineer or clerk of the work in preparing measurements, bills, and checking calculations	45	0	0
8.	Chowkidar in charge of office	10	0	0
	Total...	523	0	0

The entire work will in all probability take at least three and a half years to complete, but the offices may be ready for occupation in two years, provided no difficulty arises with the contractors. The cost, therefore, of establishment for three and a half years will be Rs. 21,966 or $2\frac{1}{4}$ per cent. on the approximate estimated amount of buildings, namely, Rs. 9,76.350. Should the work last for four years or longer through unforeseen difficulties, the percentage will increase in the same proportion. The above estimate does not include cost of measurement, books, bill forms, &c., for the use of the clerk of the works. These, I think, might be supplied on indent by the Municipality as they are probably always kept in stock.

I may mention that I would be willing to take the responsibility of providing the establishment on the above percentage; in fact I would prefer to do so, if it can be arranged as it would be more satisfactory and would give me better control and power over the subordinates than if they were employed direct by the Municipality. Should you approve of the percentage system, it might be paid to me in 14 instalments or one every 3 months. If, however, you would prefer to pay the subordinates direct, a monthly salary bill might be submitted.

As stated at our interview, I have arranged with Rao Saheb Sitaram Khunderao, who was my chief assistant when I was in the service of Government and the Great Indian Peninsula Railway Company, to undertake the duties of Resident Engineer or clerk of the works on half time, at Rs. 250 per month, and he has resigned the Great Indian Peninsula Railway Company's service to take up the appointment from the 1st proximo. Mr. Sitaram being an able and trustworthy officer and thoroughly conversant with this *special* class of work, will be able to do all that is required for the sum named for half time. The remainder of his time he will devote to other professional duties in connection with my office, for which I shall pay him extra. The advantage of this arrangement is, that the total establishment will be provided within the amount of salary that is usually given to an Assistant Engineer or clerk of the works, and thereby a considerable saving to the Municipality is effected.

The total amount for my professional services, details of which are given in my No. 5 of to-day's date, will be as follows :—

5 per cent. on Rs. 9,76,350	Rs.	48,817 8 0
Extra for preparing bills of quantities and detailed Estimates $1\frac{1}{2}$ per cent	,,	14,645 0 0
Total...	Rs.	63,462-8-0

The total amount, therefore, for professional charges and establishment for three and a half years will be Rs. 21,966 + Rs. 63,462-8-0, or say, Rs. 85,428-8-0.

I may mention that it will be absolutely necessary to engage Rao Saheb Sitaram Khunderao's services from the 1st proximo, in order that the buildings may be lined out and made ready for the contractors to commence after the acceptance of their tender for the excavations and foundations.—I have, &c., F. W. STEVENS, F.R.I.B.A., A.M.I.C.E.

No. 36. *Resolved:* "That the Corporation be recommended to sanction the following arrangements regarding the building of the new Municipal Office :—

'1. To the following payments to the debit of the Building Fund as under :—

		Rs.	a.	p.
'(*a*).	Percentage now due to Mr. Stevens, Architect, for preparing preliminary sketches, designs, general drawings (plans, elevations and sections), approximate estimate and description of the new Municipal buildings at the rate of Rs. 1¾ per cent. on Rs. 9,76,350, the amount of the approximate estimate	17,086	0	0
	Ditto due in September, *viz.*, 1½ per cent. for bills of quantities and detailed estimate ...	14,645	0	0
	Balance of fees Rs. 31,731-6-0 being 3¼ per cent. on estimates, 11 instalments during this year, at Rs. 755-8-0 per mensem	8,310	8	0
(*b*).	To the employment of the necessary subordinate establishment for the estimated period of 42 months at Rs. 523 per mensem, of which 11 instalments for the current year amount to ...	5,753	0	0
	Extra contingencies for printing and stationery, hoarding, &c., Rs. 2,000, of which half provision, required in the current year, is.....	1,000	0	0
	Total...Rs.	46,794	10	0

(*c*). To the payment of such sums towards cost of construction as may be required from time to time during the current year not exceeding in all Rs. 3¼ lakhs out of the sanctioned estimate.

That of Rs. 9,76,350 a corresponding proportion of the Municipal Building Fund investment be appropriated to meet the above Budget Grants.' "

No. 37. *Resolved* : "That, as proposed by the Commissioner in his letter No. 179, dated 3rd instant, sanction be given to the acceptance of the tender of Messrs. Vishnu Narsingrao & Co., the only tender received for the supply of sand, shells, shingle and sandstone at the following rates :—

	Thana sand.	At any place in the city. Rs. a. p.	At any bunder except Chaopati and Warli. Rs. a. p.
According to the sample lodged.	1st Quality.....	9 8 0	6 0 0
	2nd „	9 0 0	5 8 0
	Shells.....	15 0 0	12 0 0
	Shingle	11 0 0	8 8 0
	Sand stone	7 0 0	.....

No. 38. *Resolved* : "That the Standing Committee agree with the Municipal Commissioner in the opinion that the law should be enforced against the large number of able-bodied vagrants now infesting the city; and that, as a temporary measure, the Commissioner be authorized to expend Rs. 500 on the relief of such vagrants. The charge to be debited to the grant of Rs. 2,500 for the relief of immigrants sanctioned by the Corporation on the 12th November 1888."

No. 39. *Resolved* : " That sanction be given to the payment of pension to Mr. Nosherwanjee Coyajee, Town Duty Refund Officer, from 1st instant, and that the amount of pension be counted on the average salary of five years previous to 1872.

" That the same rule be applied to Mr. Shewshunker Luximonjee."

No. 40. *Resolved* : " That, with reference to the Resolution of the Standing Committee, No. 7106, dated 13th March 1889, the word 'instant' between the words 'from the 1st' and 'for special Halalkhor service to H. H. Aga Sultan Mahomed Sha' be struck out, and in place thereof the word 'ultimo' be inserted."

No. 41. *Resolved* : " That sanction be given to the following arrangements in the office of the Corporation and Standing Committee :—

'(1) To the entertainment of the services of Mr. Rustomjee Nosherwanjee Coyajee as *sub pro tem* Office manager on Rs. 150 per month from 1st to 31st March 1889, the charge to be met from the salary of Office Manager provided in the Budget.

'(2) That, with reference to the Standing Committee's Resolution No. 5925, dated 6th February 1889, directing that Mr. Sadanand Hurychandjee, second clerk, Corporation and Standing Committee's Office, be placed on the pension list from 1st March 1889, sanction be given to the retention of his services until such time as the Municipal Secretary fills up the last appointment of Rs. 45.'

" That, during the period his services are so retained, Mr. Sadanand be paid at the rate of Rs. 50 per month, Rs. 45 being met out of the savings in the budget-

ted salary of the appointment of fourth clerk and Rs. 5 being met by a transfer from savings in the grant for fees payable to members of the Standing Committee."

No. 42. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 22248, dated 27th ultimo, sanction be given to the further appropriation of Rs. 3,000 on account of the Arthur Road 27" main from the reserve provision of 3 lakhs for bringing Tansa Water into Bombay, to meet the estimated additional cost over the contract amount for constructing culverts under the B. B. & C. I. Railway at the said road ; such additional cost having been caused by the Railway Company requiring a more expensive style of work than that proposed by the Deputy Executive Engineer and for payments to the Railway Company, to meet the cost of watching the line and regulating the traffic during the construction of the culverts.

"That sanction be given to the extension of the time of the contract for laying mains at Arthur Road up to 30th April 1889."

Proposed by Captain Sir Henry Morland, seconded by Cowasjee Hormusjee, Esq.—

No. 43. "That a cordial vote of thanks be tendered to Mr. Dosabhai Framji, C.S.I., the retiring Chairman of the Standing Committee for the affability and courtesy shown by him on all occasions to those with whom he has come in contact in the discharge of the important duties of his office, and for his great attention and devotion to the work of the Chairmanship."

Carried with acclamation.

Proposed by Sir Henry Morland, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 44. "That the thanks of the Standing Committee be tendered to the Commissioner, Mr. E. C. K. Ollivant, C.I.E., for his courtesy and the very valuable aid given by him to the late Town Council and the Standing Committee, in the discussion of the many important questions which have been considered during the past three years."

Carried with acclamation.

BOMBAY, 10*th April* 1889.

AT the FIRST Meeting of the Standing Committee held this day, there were present :

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAVANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the following be *recorded* :—Memorandum No. 677, dated 10th instant, from the Commissioner, forwarding letter, dated 8th idem, from Mr. Under-Secretary Atkins, stating that H. E. the Governor in Council is pleased to appoint the following gentlemen to be Members of the Standing Committee :—Colonel G. L. C. Merewether, R. E.; E. B. Carroll, Esq., M.I.C.E.; Fazulbhoy Visram, Esq.; and Mulji Bhavanidas Barbhaya, Esq."

Carried.

On the motion of Sir Henry Morland, seconded by Cowasjee Hormusjee, Esq., Muncherjee Nowrojee Banajee, Esq., was voted to the chair.

The signing of the minutes of the previous meeting was postponed.

In accordance with notice of motion, it was—

Proposed by Sir Henry Morland—

"That Dosabhai Framji, Esq., C.S.I., be appointed Chairman for the year 1889-90."

The motion was seconded by Mulji Bhavanidas Barbhaya, Esq.

Amendment, moved by Thomas Blaney, Esq., seconded by K. M. Shroff, Esq.—

"That Javerilal Umiashankar Yajnik, Esq., be appointed Chairman of the Standing Committee."

On a division, there were 3 votes *for* the amendment, and 6 *against* it, and it was *lost.*

For the original motion there were 6 votes, *against* 3.

The original motion was therefore *carried.*

Mr. Dosabhai Framji returned his thanks for the honor thus conferred on him.

The question of the appointment of a Finance Sub-Committee and of a Works Sub-Committee was postponed.

Resolved : "That a Sub-Committee consisting of three members be appointed monthly in alphabetical order to check the weekly audit of accounts."

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 133. "That, as applied for by the Commissioner in his memoranda Nos. 94, 309, 310, 311, 364 and 514, dated 2nd, 4th, 5th and 8th instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures built without permission :—

Name of Owner.	Where.
Messrs. Cursondas Nathoo and others, executors of the late Mr. Kessowji Jadhowji	Portion of building at Nos. 171-175, Kazi Syed Street.
Bai Amina Hussein	House at Nos. 27-29, Oondria Street.
Mr. Gulam Hussein Hyderali	House at Nos. 26-28, Tembker Street.
Mr. Nansi Khairaz	Houses at Mazagon Road.
Mr. Pestonji Ardeshir Wadia	Building at Jakeria Bandar Road, Sevri.
Mr. Dhunji Mowji	Shed at Bhoewada Road."

Carried.

No. 134. *Resolved* : "That the following be *recorded* :—Memorandum No. 711, dated 10th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 6th instant."

No. 135. *Resolved* : "That, as the actual areas of the set-back and set-forward at Stable Street and Kamathipura 5th Street, sanctioned by the late Town Council in their Resolution No. 4254, dated 12th September 1888, were 18 yards and 68·88 yards respectively, and not 31·95 and 53·9 yards as estimated at the time by the Executive Engineer, the Standing Committee amend the said Resolution as requested by the Commissioner in his letter No. 422, dated 6th instant."

Considered again letter, dated 15th December 1887, from Shrikhanoo, daughter of Mr. Jamal Kutchra, objecting to the rate of Rs. 5 offered for the land taken up from her for the improvement of Kamathipura 12th Street, and asking the Council to reconsider the matter and increase the rate.

Read memorandum No. 421, dated 6th instant, from the Commissioner, stating that he sees no reason to make any alteration in the rate, but thinks that, considering the small area acquired, a lump sum of Rs. 15 may be paid to the applicant in satisfaction of all demands.

No. 136. *Resolved*: "That, in reply to her letter, dated 15th December 1887, Shrikhanoo, daughter of Mr. Jamal Kutchra, be informed that the Standing Committee see no reason to make any alteration in the rate offered for the land which was taken up from her in 1887 for the improvement of Kamathipura 12th Street, but that considering the small area acquired, the Committee sanction the payment to her of a lump sum of Rs. 20 in satisfaction of all demands."

No. 137. *Resolved*: "That the further consideration of the proposal of Government, that the Corporation should bear the cost of the interment of paupers, be postponed until the papers have been circulated."

Proposed by Colonel Merewether, seconded by Muncherjee Nowrojee Banajee, Esq., and *carried*—

No. 138. "That the Standing Committee approve of the following regulations, framed by the Municipal Comissioner, for the guidance of licensed Surveyors and Plumbers, pursuant to the provisions of Section 356 of the Municipal Act III. of 1888:—

Regulations prescribed by the Municipal Commissioner, with the approval of the Standing Committee, for the guidance of licensed Surveyors, pursuant to the provisions of Section 356 *of the City of Bombay Municipal Act*, 1888.

1. It will be incumbent on every licensed surveyor, in all matters in which he may be professionally consulted, or engaged to assist and co-operate with the Municipal Commissioner and other Municipal officers in carrying out and enforcing the provisions of the City of Bombay Municipal Act, 1888, and of any by-laws for the time being in force under the same.

2. Every lincensed surveyor will, in every case in which he may be professionally consulted or engaged, be responsible, so far as his professional connection with such case extends, for due compliance with the provisions of Chapters IX., X., XI. and XII. of the City of Bombay Municipal Act, 1888, and of any by-laws for the time being in force under the said Act, or such of them as may respectively be applicable to the circumstances of the particular case.

3. In every case in which a licensed surveyor is professionally concerned in connection with any building or work upon any premises, in respect of which a right to require a set-back has accrued, or is about to accrue, to the Commissioner under the provisions of Sections 297, 298 and 299 of the said Act or any of them, it will be incumbent on such licensed surveyor to ascertain whether "the regular line of the street" has been prescribed under Section 297, and whether any portion of the said premises is required for the street, and no licensed surveyor must on any account or under any pretence whatever be a party to any evasion or attempted evasion of the set-back (if any) that may be required.

4. In every case in which a licensed surveyor is professionally concerned in connection with any building or work upon any premises designed or intended to be used for any purpose in respect of which the written permission or license of the Commissioner is prescribed by the said Act as a necessary condition to the establishment or use of such premises for such purpose, it shall be incumbent on such licensed surveyor, so far as his professional connection with such case extends, to see that all conditions prescribed by the said Act or by any by-law for the time being in force thereunder in respect of premises designed for or intended to be applied to such use, are duly fulfilled or provided for.

Regulations prescribed by the Municipal Commissioner, with the approval of the Standing Committee, for the guidance of licensed Plumbers, pursuant to Section 356 *of the City of Bombay Municipal Act,* 1888.

1. It will be incumbent on every licensed plumber, in all matters in which he may be employed, to afford every assistance in his power to the Municipal Commissioner, and other Municipal officers, in carrying out and enforcing the provisions of the City of Bombay Municipal Act, 1888, and of any by-laws and orders for the time being in force under the same.

2. Every licensed plumber will, in every case in which he may be employed, be responsible, so far as his employment extends, for due compliance with the provisions of Chapters IX. and X. of the City of Bombay Municipal Act, 1888, and of any by-laws and orders for the time being in force under the said Act, or such of them as may respectively be applicable to the circumstances of the particular case.

3. Every licensed plumber to whom permission is granted under Section 322, clause (A), of the said Act, to open, break up, displace, or take up the soil or pavement of any street will be held personally responsible for due compliance with the provisions of Sections 323,

324, and 325 of the said Act, and for the payment on demand of any expenses which may be incurred by the Commissioner in restoring the street or pavement, or in enforcing or carrying into effect any of the said provisions.

No. 139. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 649, dated 10th instant, sanction be given, under Rule VI., clause (*c*) of the Pension Fund Rules, Section C of Chapter I. of the Municipal By-laws, to the payment of a pension of Rs. 12-8-0 per mensem, from 1st March 1889, to Vithoo Dalvi, late night turncock, Water Works Dapartment."

No. 140. *Resolved*: "That the Corporation be recommended to sanction the writing off of Rs. 6,218-8-3, from the live stock return of the Health Department, being the book value of 22 bullocks that died, 1 that was destroyed, and 82 that were sent to Pinjrapol—total 105—during the quarter ending 28th February 1889."*

Considered again letter, dated 13th December 1888, from the Secretary to the Trustees of the Sett Merwanjee Framjee Panday Charitable Funds, asking that the Panday Sanitarium (Merwan Bag) at Colaba may be exempted from payment of halalkhor tax.

Read memorandum No. 26, dated 1st instant, from the Commissioner, stating that he has nothing to add to Mr. Charles' No. 15123, dated 16th November 1888, as follows :—

SIR,—In reply to your letter of the 7th September last, and in continuation of this office No. 10205, of the 12th idem, I have the honor to inform you that on inquiry it appears that the sum of Rs. 11-4-0 per month charged to you as Halalkhor rate represents the actual cost of the Halalkhor service rendered to the premises in question including the Chairman's quarters, and was arrived at on principles and at rates approved by the Town Council. As the Municipal Act does not exempt religious and charitable institutions from the payment of the Halalkhor tax, and as it has not laid upon the Municipality the obligation of rendering gratuitous services to such institutions, I regret I am unable to comply with your request.—I have, &c.,

F. L. CHARLES, Acting Municipal Commissioner.

* *Causes of death* : 1 rinderpest, 10 old age and general debility, 1 general debility and congestion of lungs, 1 large sore in the neck and general debility, 1 fever and general debility, 1 inflammation of heart and lungs and kidneys, 1 inflammation of heart and lungs, 1 diseases of lungs, 1 congestion of lungs, 2 flatulent colic, 1 fever and dropsical swelling, 1 from the effect of injury done while at work, 1 destroyed : total died and destroyed 23, and 82 cast bullocks sent to Pinjrapol : total 105. *Locality where invalidity took place*: 7 Sankli Tank Hospital, 4 Bori Bandar Hospital, 2 C Ward stable, 2 D Ward stable, 6 E Ward stable, 1 G Ward stable. Total died and destroyed 23, and 82 sent to Pinjrapol.—Total 155. Annual percentage of loss on the whole strength, 35.

Proposed by Colonel Merewether, seconded by Mulji Bhavanidas Barbhaya, Esq.—

"That, in reply to his letter, dated 13th December 1888, the Secretary to the Sett Merwanjee Framjee Panday Charitable Funds be referred to the letter to himself, from the Acting Municipal Commissioner, No. 15123, dated 16th November 1888."

No. 141.

The consideration of the question of the supply of Vehar water to Kurla was further postponed till next week.

Resolved: "That Progress Reports, up to the end of February 1889, of new works now in course of construction, be printed and circulated."

The consideration of the following was postponed till next meeting :—

(1.) Progress Report of Tansa Water Works for February 1889.

(2.) Papers on the question of admission of the subordinate staff of the Gokuldas Tejpal Hospital to the Municipal Pension Fund.

Considered again memorandum No. 21840, dated 22nd ultimo, from the Commissioner, asking sanction, under Section 169 (*b*) of the Municipal Act III. of 1888, to the charging to the Khatau Makanji Spinning and Weaving Co., Limited, of Rs. 15 per month, for the right to draw water from the Sankli Tank ; also asking general sanction to the charging of the above rate in all similar cases.

Resolved: "That sanction be given to the charging of 6 annas per one thousand gallons for water supplied through meter from Sankli Tank, Haines Road, Byculla, to the Khatau Makanji Spinning and Weaving Company, Limited.

No. 142.

"That the same rate be charged in the cases of all other mills or places where water is required in addition to, or in lieu of the supply from the ordinary water mains."

The consideration of application for sanction to the settlement proposed by the Deputy Executive Engineer of the contract with the Bombay Company, for the supply of fire hydrants and sluice valves was further postponed.

Resolved: "That, as applied for by the Commissioner in his memoranmum No. 694, dated 10th instant, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

No. 143

The further consideration of letter No. 12428, dated 30th October 1888, from the Commissioner, regarding the arcading of certain streets in the city, was postponed.

Resolved: "That the following be referred to the Commissioner for disposal:—Letter, dated 8th instant, from Hadji Mahomed Latiff, asking that the Kumbharwada Street, Dadur, may be repaired and metalled, and the same declared to be a public thoroughfare."

No. 144.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 8th April 1888.*

Read and *recorded* memorandum No. 712, dated 10th instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of owner.	Estimated damage.	Cause of Fire.
1889. March 30, 1-45 A. M.	Duncan Road Cross Lane.	House, household property and edible goods.	Messrs. Mahomed Kasim Kasti, Ramji Sukaram, Maduv Bhandu, Krishnaji Huri, Trimbuk Narayan and Malari Ramji.	Rs. 3,100	Fall of a kerosine lamp.
March 31, 7 A. M.	Tardeo.	A quantity of cotton.	Oriental Mill Co. ..	150	Stone causing friction.

BOMBAY, 17*th April* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOROWJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the ACTING EXECUTIVE ENGINEER; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 3rd and 10th instant, were signed.

Resolved: "That, as applied for by the Commissioner in his memoranda Nos. 987 and 1088, dated 13th and 15th instant, sanction be given, under

No. 165.

* *See* Appendix B.

Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures, built without permission.

Name of owner.	Where.
Mr. Abuji Vulli Mahomed	... Privies built at No. 192, Ghelabhoy Dulubdas Street, Ripon Road.
Mr. Ardesir Dadabhoy Cooper	... House at Nos. 14-16, Mirza Street."

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 166. "That, under the circumstances mentioned in the Acting Executive Engineer's No. 615-B, dated 12th instant, and as asked for by the Commissioner in his memorandum No. 1087, dated 15th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Vachraj Mohunjee on a site close to the G. I. P. Railway station at Matunga, shown on the tracing* marked A, dated this day, as the direction and position of the street likely to be required in the future in the said locality have not yet been laid down, or determined."

Carried.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 167. "That, as applied for by the Commissioner in his letter No. 1200, dated 16th instant, the Corporation be recommended to sanction, under Section 296 of the Municipal Act III. of 1888, the acquisition of the whole of the premises shown in red on the *plan marked B, dated this day, admeasuring 45·70 square yards, or thereabout, situate between Edulji Street and Hamal Street, Colaba, the property of Mr. Jamasji Ruttonji Mistri, required for the opening of Edulji Street into Hamal Street.

"That, in the event of the owner declining to sell at a sum not exceeding Rs. 3,000, the Commissioner be authorized to proceed under the land acquisition Act for the acquisition of the property."

Carried.

---

* Filed in Supplement to Minute Books for 1889-90, marked A.

The question of the new Municipal Office building was considered, and after discussion it was—

Resolved: "That the explanations called for by the Corporation, in its Resolution No. 151, dated the 15th instant, be given at a Special Meeting of the Corporation to be held on the 29th idem, by the following gentlemen :— No. 168.

"Colonel Merewether, Mr. Carroll, Sir Henry Morland, and Dr. Blaney.

"That Colonel Merewether explain the following points :—

		Rs.	a.	p.
(*a*)	Percentage now due to Mr. Stevens, Architect, for preparing preliminary sketches, designs, general drawings (plans, elevations and sections), approximate estimate and description of the new Municipal Buildings, at the rate of 1¾ per cent. on Rs. 9,76,350, the amount of the approximate estimate	17,086	2	0
	Do. due in September, *viz.* 1½ per cent. for bills of quantities and detailed estimates ...	14,645	0	0
	Balance of fees (Rs. 31,731-6-0), being 3¼ per cent. on estimates; 11 instalments during this year at Rs. 755-8-0 per mensem	8,310	8	0

"That Mr. Carroll explain the following points :—

(*b*)	The employment of the necessary subordinate establishment for the estimated period of 42 months at Rs. 523 per mensem, of which 11 instalments for the current year amount to ...	5,753	0	0
	The extra contingencies for printing, stationery, hoarding, &c., Rs. 2,000, of which half provision required in the current year is ...	1,000	0	0

"That Sir Henry Morland explain the following :—

(*c*) The payment of such sums towards cost of construction as may be required from time to time during the current year not exceeding in all 3¼ lakhs out of the sanctioned estimate.

"That Dr. Blaney undertake the explanation of the following :—

'That of the Rs. 9,76,350, a corresponding proportion of the Building Fund investment, be appropriated to meet these grants.'

"That these gentlemen send the requisite notices to the Corporation for the Meeting to be held on Monday, the 29th instant."

The seal of the Corporation was affixed to deeds of contract—

No. 169. With Messrs. John Fleming & Co., for the supply of disinfectants during the year 1889-90.

No. 170. Ditto for the supply of Water Works fittings and service pipes.

No. 171. With Mr. Baskar Babaji for the supply of heifers for the Vaccination Department during 1889-90.

In accordance with notice of motion, it was—

Proposed by Javerilal Umiashankar Yajnik, Esq.—

No. 172. "That the Municipal Commissioner be requested to explain to the Standing Committee the circumstances under which the structure in the middle of the west end of Erskine Road now in course of erection was commenced, with special reference to the following points :—

(*a.*) Circumstances under which the roadway was occupied.

(*b.*) At whose cost the structure is being put up.

(*c.*) The use to which it is to be applied."

The Commissioner replied that the structure in question is a Police chowkey which was built by Government. The drawing for the building was originally supplied by this office, but the building was put up somewhat irregularly as no formal sanction was obtained to the putting up of the chowkey.

On the motion of Sir Henry Morland, seconded by E. B. Carroll, Esq., it was agreed that the explanation of the Commissioner be accepted.

BOMBAY, *24th April* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

A letter was received from the Chairman, Dosabhai Framji, Esq., C.S.I., apologising for non-attendance on account of indisposition.

On the motion of Cowasjee Hormusjee, Esq., seconded by Colonel Merewether, Sir Henry Morland was voted to the chair.

The minutes of the meeting held on the 17th instant, were signed.

No. 195. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 1386, dated 24th instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structure, built without permission :—

Name of owner.	Where.
Mr. Ruttonsey Dongersey Jadowjee.	... House at Nos. 13-15, DeSouza Cross Lane.

Resolved : "That the following be *recorded* :—

No. 196. Memorandum No. 1387, dated this day, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,50,000, from the Tansa Water Works Loan deposit account No. 1 to the Municipal General Fund pass book, on the 16th, 17th and 18th instant."

Resolved: "That, under the circumstances mentioned in the Acting Executive Engineer's No. 1076, dated 17th instant, and as asked for by the Commissioner in his memorandum No. 1385, dated 24th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Hormusjee Merwanjee Nareilwalla on a site close to the proposed road from Wari Bandar Road to Coppersmith Street, shown on the tracing* marked A, dated this day, as the direction and position of the street likely to be required in the future in the said locality have not yet been laid down, or determined."

No. 197.

Carried.

Resolved: "That, under the circumstances mentioned in the Acting Executive Engineer's No. 1113, dated 18th instant, and as asked for by the Commissioner in his memorandum No. 1384, dated 24th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Abdulla Ali Mahomed Bhimji, on a site close to Fergusson Road, shown on the tracing* marked B, dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down, or determined."

No. 198.

Carried.

The seal of the Corporation was affixed to 18 renewals of old bonds, namely Drainage Loan, Nos. 3795/3804, 3805/3814, 3815/3824, 3825/3834, 3835/3844, 4127/4136, 4137/4146, 4147/4156, 4157/4166, 4167/4176, 4939/4948, 4979/4988, 5019/5028, 5029/5038, 5039/5048, 5049/5058, 5059/5068, and 5069/5078, both inclusive.

The question of the percentage payable to Mr. Stevens as architect of the new Municipal Offices, was discussed at length, with a view to explanations being given on the point, at the Meeting of the Corporation called for the 29th instant.

The following memorandum was circulated to members with reference to this question :—

* Filed in Supplement to Minute Books for 1889-90, marked A.

Statement shewing the professional services included in 5 per cent., according to the Royal Institute of British Architects' Rules.

	Per cent.
The requisite preliminary sketches, drawings, and specifications sufficient for an estimate and contract ...	2½
Detailed drawings and instructions for execution	1¼
One set of tracings and duplicate specification	
General superintendence of works (exclusive of clerk of the works), examining and passing the accounts, exclusive of measuring and making out extras and omissions ...	1¼
Total charge per cent....	5

If a detailed estimate be required by the employer, an additional percentage charge may be made. When an Architect supplies builders with quantities, on which to form tenders for executing his designs, he should do so with the concurrence of his employer, and it is desirable, when practicable, that the Architect should be paid by him rather than by the builder, the cost of such extra labour not being included in the commission of 5 per cent.

Statement shewing the professional services included in the 5 per cent., as given in Mr. Stevens' No. 5 of 28th ultimo.

	Per cent.
* The requisite preliminary sketches, designs, drawings (plans, elevations and sections), general description, and approximate estimate already submitted	1¾
Specification and duplicate working and detailed drawings and instructions for execution	2
General supervision and superintendence of works (exclusive of clerk of the works, maistries, &c.), examining and passing the accounts, exclusive of measurements and making out extras and omissions	1¼
Total charge per cent....	5

The charge for preparing the detailed quantities and estimates will be 1½ per cent.

* No contract or specification has yet been provided; therefore ¾ per cent. has not been charged.

Statement shewing scale of professional charges for Architects quoted from Hurst's "Architectural and Surveyors' Hand-book."

ARCHITECT'S RATES—	Per cent.
1. Preliminary sketches and designs complete, including survey of site, &c....	1¼
2. General drawings, plans, elevations, and sections, specification, and approximate estimate ...	1¼
3. Working and detailed drawings	1¼
4. Personal supervision and superintendence, exclusive of clerk of works...	1¼
Total charge per cent...	5

Note.—The above charge of 5 per cent. is to be estimated on the value of the work executed, including such materials and labour as may be supplied by the owner; omitted work is to be paid for under items 1, 2, and 3, according to the stage of the proceedings at which the alteration was determined upon.

Notes on Hurst's Scale of Professional Charges.

Procuring and examining tenders for the work ... ½ per cent. in addition to the foregoing.

Arranging with artists, tradesmen, and others, for sculpture, stained glass, and works of a similar class, for which the Architect does not furnish the design, but to which he gives a general supervision. 2½ per cent. on the value.

Alterations in the design, extra labour in attending Committee Meetings, arranging disputes with adjoining owners, &c., at ... ... per day.

Travelling and incidental expenses ... ... extra.

Measuring up works and certifying the builder's accounts for extras and omissions, as per Surveyor's rates.

An Architect is bound under the 5 per cent. charge to provide one set of drawings and one set of tracings, with duplicate specification, it being understood that the Architect is paid for the use only of the drawings and specification, and that they remain his property at the completion of the work.

Payment on account, at the rate of 5 per cent., to be made on the instalments paid to the builder, or otherwise to half the commission on the signing of the contract, and the remainder by instalments as above.

SURVEYOR'S RATES—

The charge for measuring works in small new buildings, and in repairs, including a bill of the particulars, is ... ... 2½ per cent.

For large new works of plain character, the usual charge is... ... ... 1½ „

When the works are of elaborate construction, the charge will vary from 1½ per cent. upwards, according to the additional trouble entailed in measuring.

For works of very small value, the charge is by the day.

Estimating quantities from plans and specifications, and preparing the "bills of quantities"—

for very small or difficult works, the charge is... 2½ per cent.

Do. do. for ordinary works of £10,000 value or under ... ... 1½ „

Do. do. do. above £10,000, the first £10,000 being charged under the last item ... ... 1 „

Lithographing and travelling expenses are charged extra.

In important works where the quantities are taken out conjointly by two different Surveyors, half of the above rates are due to each Surveyor. In large works of very plain character, especially when many simple repetitions occur, lower rates than the foregoing are sometimes considered sufficient.

The Commissioner read the following :—

No. $\frac{M}{I}$ OF 1889.

P. W. DEPARTMENT,
MAHABLESHWAR, 21*st April* 1889.

TO THE MUNICIPAL COMMISSIONER.

SIR,—Referring to correspondence as per margin, on the subject of the site for the new Municipal buildings in Bombay, I am directed to state that the allotting of a site did not imply a grant in fee simple, only a grant on the usual terms, and I am to invite your attention to my letter No. 717 B, dated 2nd July 1888, intimating that the terms were those of the draft agreement forwarded to you for approval in November 1885.

Municipal Commissioner's No. 17118, dated 18th December 1888, No. 21434, dated 14th March 1889, No. 319, dated 4th April 1889.

2. Government having now considered the several representations made to them, including those in the letter of Messrs. Crawford and Buckland, dated 4th February 1889, to the address of the Solicitor to Government, I am desired to intimate as follows :—

3. In the special circumstances of the case and in view to the fact that the land is to be made over to the Municipality for a specific purpose, namely, the erection of Municipal Offices, the usual preliminary agreement may be dispensed with, and Government are prepared to grant a lease for the area required as per plan No. 5 received with your No. 319, dated 4th April 1889, with the single modification that the boundary on the north shall be as shewn in dotted red lines, and not a curved line, on the following modified conditions :—

(1.) That the lease be for 999 years and reserve the usual annual ground rent of 1 anna per square yard.

(2.) That for 6,000 square yards out of the total area, payment be made at the rate of Rs. 15 per square yard as originally agreed upon ; and for any additional land in excess of that area, payment be made at the rate of Rs. 40 per square yard.

(3.) That the area occupied by the porch be exempt from charge and also from ground rent, provided it be treated under the rules which apply to arcades, that is, that the ground remains the property of Government and is kept open for the use of the public.

(4.) That the triangular space in front of the building at the junction of the Cruikshank and Hornby Roads be likewise exempt, provided that it is not built upon, but is reserved either as a garden space or paved and kept open for the use of the public.

(5.) That the use to which the site or any portion thereof be put be restricted to the purpose of public Municipal offices, but that should the Municipality at any future time seek to apply the site or any portion thereof to any other purpose, they shall be at liberty to do so, on payment to Government of the difference between the then market value and the sum now to be paid.

(6.) That the whole group of buildings be maintained in proper repair to the satisfaction of the surveyor to Government.

(7.) That the lease be prepared by the Solicitor to Government and the costs thereof be borne by the Municipality.

4. Referring to paragraph 4 of the resolution of the Corporation, copy of which was received with your No. 21434, dated 14th March 1889, I am directed to say that Government consent not to dispose of the adjoining site without previous reference to the Municipality, unless it is required for a public purpose, and in the meantime the

proposed road separating the two plots will be kept as a private road.—
I have, &c.,
WALTER C. HUGHES,
Secretary to Government.

No. 1543 OF 1889-90. BOMBAY, *24th April* 1889.
Copy forwarded to the Municipal Secretary.
E. C. K. OLLIVANT,
Commissioner.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by K. M. Shroff, Esq.—

No. 199. "That the Standing Committee having now considered the letter from Government, P. W. Department, No. $\frac{M}{1}$, dated 21st instant, laid before them by the Commissioner this day, do recommend the Corporation to accept the terms therein stated, *viz.* to pay Rs. 40 per square yard for the additional 600 square yards, or thereabout, of land required, and to pay a ground rent of one anna per square yard on the whole area, conveyed on a lease of 999 years. In making this recommendation, however, the Standing Committee regret that Government have found it necessary to make any deviation as regards rate, or ground rent from the terms of the original grant, and suggest that the acceptance of the terms now laid down will not prevent Government from giving a favourable consideration to such further representation on the subject as the Corporation may think fit to make."

Carried.

In the course of discussion, the opinion was expressed that in any case, the Commissioner should give orders for the completion of the foundations at once, not only as being in accordance with the wishes of the Corporation, but inasmuch as the contractors for the works may be called on to incur considerable extra expenditure if their operations are delayed.

The consideration of memorandum No. 1390, dated 24th instant, from the Commissioner, relative to the question of the acquisition of land for the proposed roads in Agripada was postponed.

Read memorandum No. 1005, dated 13th instant, from the Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 7004, dated 27th February 1889, copy of Government Resolution, as follows :—

No. 2613. REVENUE DEPARTMENT, Bombay Castle, 4th April 1889.
Letter from the Collector of Land Revenue, Customs and Opium, Bombay, No. L.R.—792, dated 20th March 1889—Stating with

reference to Government Resolution No. 3843, dated 12th June 1888, that the Standing Committee authorise a test case, but decline to bear any portion of the cost thereof; intimating that they are willing to resign the portion of land (2,763 square yards) on which the huts and buildings stand, if a corresponding reduction be made in the rent; and adding as follows:—

"3. The Government Resolution above quoted required the Corporation to pay part of the costs of the test case. As they have refused, I believe there is no way to force them to do so, and as in the opinion of the Advocate-General, No. 26, dated 7th May 1888, it is not advisable to wait until the end of the lease under which the Municipality hold the whole plot, the only course would seem to be for Government to resume the 2,763 square yards, as proposed by the Standing Committee.

"4. A test suit should then be tried at the expense of Government, and if successful, the rents derived from the tenants now occupying the land should at once be raised to the full amount properly leviable in that locality, *i.e.* from annas 6 to annas 8 per square yard per annum, instead of the one anna per square yard, which they are now paying, that is, instead of paying about Rs. 172 per annum, the tenants should be made to pay from Rs. 1,000 to Rs. 1,381, or, roughly speaking, an annual gain to Government of about Rs. 800.

"5. The capitalized value of this annual gain would be about Rs 16,000, and I presume the cost of the suit could not be much more than about $\frac{1}{8}$ of this sum. So that I think it would be for the interest of Government to pay the costs and reap the advantage of the increase in the annual rent, especially as the rents can be further raised from time to time if the right of Government be established."

RESOLUTION.—The recommendations made by Mr. Charles in paragraphs 3 and 4 of his letter are approved and should be acted upon.

J. DE C. ATKINS,
Acting Under-Secretary to Government.

No. 200. *Resolved:* "That Government Resolution No. 2613, Revenue Department, dated 4th instant, be *recorded.*"

No. 201. *Resolved:* "That, as asked for by the Commissioner in his letter No. 1152, dated 15th instant, sanction be given, under Section 132 of the Municipal Act III. of 1888, to the renewal of the balances of the following revenue and loan lapsed grants for 1888-89:—

"1. Payments for sanctioned work already done, and for establishment and labor already employed.

"2. Payments for stores, stationery and other supplies already bought, or used, and for printing, advertisements and other contingent charges already incurred.

"3. Payments of interest and repayment of loans which became due last year, but which still remain unpaid.

"4. Adjustment of inter-departmental charges for 1888-89.

"5. Payments towards completion of works still in progress up to the limit of the grant originally sanctioned."

Read the following :—

Letter No. 1358, dated 12th November 1888, from Mr. R. M. Kennedy, President, Kurla Municipality, to the Commissioner as follows :—

SIR,—I have the honour to forward herewith an extract of para. 2 from the proceedings of the quarterly general meeting of the Kurla Municipality held on the 20th ultimo, and to request that you will be good enough to reduce the water rate in such a way as to afford facilities to all the inhabitants to purchase it at a moderate cost.

2. I beg to point out that those who will benefit by the reduction, are the working classes who are quite unable to pay the present rate. I may add that the town of Kurla is unlike Bandora, purely manufacturing, consisting of mill hands.

Extract para. 2 *from the proceedings of the general meeting of the Kurla Municipality held on the* 20*th October* 1888.

2. As the present charges of the Bombay Municipality for supplying Vehar water in dipping wells at eight annas, and to private houses and mills in Kurla at one rupee per thousand gallons, are very high, the Municipality recommend the President to induce the Bombay Municipal Commissioner to reduce the charges to enable the Municipality, Khote and owners of properties in Kurla, to take Vehar water freely, and thus prevent the frequent outbreaks of cholera and others diseases on account of bad and insufficient water-supply, and their spread within the Bombay Municipal limits, as Kurla is a suburb of Bombay, and there is constant communication between the people of both Municipalities.

Letter No. 4222-W, dated 21st November 1888, from the Deputy Executive Engineer, Water Works, to the Commissioner as follows :—

SIR,—In returning your No. 14980 of 15th instant, I have the honor to refer you to your record for previous correspondence.

The ground upon which water has been allowed at Kurla is, that insanitary conditions at Kurla would affect Bombay.

There are two questions to consider as to water-supply :—1. The quantity which can be spared ; 2. The price to be charged.

As to quantity—Whilst undoubtedly every new connection is a demand for an enlarged supply, I do not anticipate that the total quantity consumed at Kurla would be distinctly felt as an aggravation of the short supply in Bombay.

As to price—As we have not the command of the district, I think all the supplies should be through meter. I am not at present inclined to think that the rate for dipping wells should be reduced ; but perhaps supplies for domestic purposes could be granted at the same rate, keeping trade and railways at Re. 1 per 1,000 gallons.

Acting Commissioner's memorandum No. 15651 of 1888-89, dated 24th November 1888, as follows :—

The rates for trade and railways should certainly not be reduced.

But I think that the great importance of keeping Kurla in a healthy state would justify a lower rate for domestic consumption. What is the total Kurla consumption; and can an estimate be formed of the quantity due to domestic use.

Letter No. 4424, dated 30th November 1888, from the Deputy Executive Engineer, to the Commissioner as follows :—

SIR,—With reference to your No. 15651 of 1888-89, I have the honour to state that the population of Kurla in 1881 was 9,715; allowing for increment, the present population may be taken at 11,500, but probably the whole of them would not come within the reach of supply.

The present supply to properties for domestic purposes is about 2,000 gallons per day and to dipping wells 8,000.

If taken through meters to dipping wells and private houses, I should not anticipate a demand of more than 6 gallons per head for this class of people. The total supply for 11,500 persons would therefore be 69,000 gallons per day, of which 10,000 gallons is already being supplied.

In considering the question of price to be paid, regard must be had to the Bandora Municipality, which pay us at the rate of 12 annas per 1,000 gallons for all the water passing into their district, less an allowance for charitable purposes and less a temporary allowance of 10 per cent. for leakage (during the term of Mr. Charles' acting appointment). I do not see why Kurla should be supplied on much more favourable terms than Bandora. I believe many connections would be taken at Re. 1 per 1,000 gallons if allowed by us, and I have no doubt that 8 annas for private connections would be regarded as a very favourable rate for the present.

No. 22205 of 1888-89.

21*st March* 1889.

Forwarded to the Municipal Secretary with a resumé of what has previously taken place in regard to the supply of Vehar Water to Kurla. As Kurla is without the City, the present matter is one for determination by the Corporation under Section 288 of the new Act; but probably this is a case which it would be well to submit first to the consideration of the Standing Committee.

E. C. K. OLLIVANT, Commissioner.

Proposed by Muncherjee Nowrojee Banaji, Esq., seconded by Fazulbhoy Visram, Esq.—

No. 202. "That the Corporation be recommended to sanction, under Section 288 of the Municipal Act III of 1888, the supply of water to Kurla at the following rates :—

"One Rupee per 1,000 gallons by meter measurement for private purposes, and eight annas per 1,000 gallons to the public fountains; provided that no new connections be granted at the lower rate, except with the express permission of the Commissioner."

Carried.

Considered and *recorded* Progress Reports, up to the end of February 1889, of new works now in course of construction.*

No. 203. *Resolved:* "That the Progress Reports, up to the end of February 1889, of new works now in course of construction, be *recorded.*"

No. 204. *Resolved:* "That memorandum No. 22472, dated 29th March 1889, from the Commissioner, forwarding Progress Report,† up to the end of February 1889, of Tansa Water Works, be *recorded.*"

The consideration of the question of admission of the subordinate staff of the Gokuldas Tejpal Hospital to the Municipal Pension Fund was postponed.

Considered again memorandum No. 21249, dated 11th instant, from the Commissioner, asking sanction, under Section 69 (*e*) of the Municipal Act, to the settlement proposed in the Deputy Executive Engineer's letter No. 5169W, dated 28th January 1889, of the contract with the Bombay Company, Limited, Agents for Messrs. P. W. McLellan, for the supply of fire hydrants and sluice valves, the contractors having been much behind time in delivery.‡

No. 205. *Resolved:* "That, as applied for by the Commissioner in his memorandum No. 21429, dated 11th March 1889, sanction be given, under Section 69 (*e*) of the Municipal Act, to the settlement proposed in the Deputy Executive Engineer's letter No. 5169W, dated 28th January 1889, of the contract with the Bombay Company, Agents for Messrs. P. W. McLellan, for the supply of fire hydrants and sluice valves, namely that, as the contractors were much behind time in the carrying out of their contract and as they failed to supply certain of the articles, they be paid a total of Rs. 16,531-10-8 instead of 17,066-10-8, the amount of their tender.

"That sanction be also given to the payment to Messrs. Richardson and Cruddas, of Rs. 277-8-0 on account of 15 fire hydrants supplied by them, and of Rs. 90 and Rs. 112 to Messrs. Dinshaw Cowasjee Bhedwar & Co. and Messrs. M. R. Bhaijibhoy & Co. respectively, on account of damages sustained by them by reason of the contractors' delay in supplying the Iron Work."

---

* See Appendix C.
† *See* Proceedings of the Standing Committee, 3rd April 1889.
‡ *See* Proceedings of the Standing Committee, 13th March 1889.

Resolved : "That the following be *recorded* :—Letter
No. 206. No. 942, dated 13th instant, from the Commissioner, reporting that, under Section 69, Clause (*d*), of the Municipal Act III of 1888, he has sanctioned the purchase, from Plumber Adumji Peerbhai, of 200 zinc off-set pieces, required occasionally in erecting cast-iron and zinc ventilating shafts in the first portion of the drainage scheme at the rate of Rs. 6 per piece.

Resolved : "That, as proposed by the Commissioner in
No. 207. his letter No. 946, dated 13th instant, the Standing Committee, by virtue of Section 72, Clause 3, of the Municipal Act III of 1888, hereby authorize the Commissioner to accept the offer of the Manager, Gas Company, namely, to supply gas coke for one year, at Rs. 21 per ton.

"That the Committee authorize the Commissioner to enter into this contract without inviting tenders for such supply, as the rate offered is fair, as the Manager Gas Company has offered to supply such coke for the current year at the last year's rate, and as he is the only maker of coke in Bombay.

Resolved : "That, as proposed in his letter No. 940,
No. 208. dated 13th instant, the Commissioner be authorised in accordance with Clause 3 of Section 72 of the Municipal Act III. of 1888, and without inviting tenders, to enter into a contract with the Gas Company, (1) for providing lamps, lamp-posts, brackets, &c., for lighting the Prince's and Victoria Docks, at a cost not exceeding Rs. 5,318 ; and (2) for laying gas mains thereat, at a cost not exceeding Rs. 5,310.

"That the Standing Committee authorize the Commissioner to enter into this contract without inviting tenders for such supplies and work, as the Gas Company are the only manufacturers of coal gas in Bombay and as the new mains to be laid by them will be used for the special work of lighting the Docks ; the Port Trust supplying stone terminals, brackets, and lamps to be fixed on the swing bridge in the Docks."

Resolved : "That, as applied for by the Commissioner in
No. 209. his letter No. 713, dated 10th instant, sanction be given to the extension of time, from 29th March to 16th June 1889, for the completion of the contract with Mr. Ghomaji Balaji, for the construction of the office and store rooms of the Health Department at Boti Bandar."

Read memorandum No. 941, dated 13th instant, from the Commissioner, forwarding petition from Thakarbai, wife of Mr. Jugonnath Vithoba, praying that her husband may be allowed such bonus as would enable her to maintain herself and her husband. The Commissioner, in forwarding the petition, states that Mr. Jugonnath Vithoba Mistri served the Municipality for nearly 44 years and was chiefly employed in pulling down dangerous houses, and his life was constantly exposed to peril. While removing portions of a house in Fophulwadi, the flooring gave way and buried him. This injury incapacitated him for further service, and the Commissioner recommended him therefore to the favourable consideration of the Standing Committee, for a special gratuity of 12 months' salary, namely Rs. 480, on his retirement, the amount to be debited to Budget grant for pensions and gratuities.

No. 210. *Resolved:* "That, as recommended by the Commissioner in his memorandum No. 941, dated 13th instant, sanction be given to the payment of special gratuity of Rs. 480, to Mr. Jugonnath Vithoba, Mistri of the Engineering Department, for injuries sustained by him in the discharge of his duties.

"That this payment is sanctioned, subject to a report from the Commissioner as to whether, under the special circumstances of the case, and under the Pension Rules, a larger grant should be made."

No. 211. *Resolved* : "That, as asked for by the Commissioner in his memoranda Nos. 751 and 929, dated 10th and 12th instant, sanction be given, under Section 172 of the Municipal Act III of 1888, to the charging of a special halalkhor service, as under :— Victoria Jubilee Technical Institute, Chinchpokli, at Rs. 34-8-0 per mensem, from 8th February 1889. Messrs. Thomson & Co., Graving Dock contractors, at Rs. 17-4-0 per mensem, from 21st March 1889."

No. 212. *Resolved:* "That, as applied for by the Commissioner in his memorandum No. 1276, dated 17th instant, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

Resolved : ." That the following be *recorded* :—

No. 213. Letter No. 1145, dated 15th instant, from the Commissioner, stating, with reference to the Standing Committee's Resolution No. 5863, dated 30th January 1889, that a column will be added in future Quarterly Health Statistics, showing the number of children who have been unsuccessfully vaccinated."

The following statements were laid on the table :—

Statements of the height of water in the Vehar and Tulsi Lakes for the weeks ending 15th and 22nd April 1888.*

Read and *recorded* memoranda Nos. 1199 and 1245, dated 16th instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of Owner	Estimated Damages.	Cause of Fire.
1889.					
April 5, 8 p.m.	G. I. P. Railway Workshops, Parel.	Moulder's Shed ..	G. I. P. Railway Company.	Rs. 25 ..	Not known up to the present.
April 12, 4-15 a.m.	Girgam Road, No. 466.	Cow-dung cakes ..	Mr. Sadanund Krishna.	Re. 1 ..	Unknown.

BOMBAY, 26*th April* 1889.

A SPECIAL Meeting of the Standing Committee called by order of the Chairman in accordance with the subjoined requisition from the Commissioner, was held this day at 4 P.M., at which there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BHARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Commissioner; the HEALTH OFFICER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

It was agreed by six votes *against* two, that the meeting should not be open to Reporters for the newspapers.

TO THE CHAIRMAN OF THE STANDING COMMITTEE OF THE CORPORATION.

SIR,—Under Section 49 (*c*) of the City of Bombay Municipal Act of 1888, I make this requisition upon you to call a Special Meeting of the Standing Committee within 24 hours, and preferably at the earliest

* *See* Appendix B.

hour possible, to consider the question of wheel tax payable by the owners of public conveyances, a matter which is, in my opinion, cannot be delayed. I think the meeting should be held to day and would suggest 1 P.M.—I have, &c.,

E. C. K. OLLIVANT, Municipal Commissioner for the City of Bombay.
BOMBAY, 26*th April* 1889.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 216.

"That, as applied for by the Commissioner, the Standing Committee express their approval of the following compounded rates being paid during the year 1889-90 under Section 185 of the Municipal Act III of 1888 by the owners of public conveyances in lieu of the amounts leviable under Section 198, as per the terms of the agreement entered into by the said owners this day with the Commissioner, copy of which is attached hereto:—Rs. 15 for each labour cart drawn by one pair of bullocks; Rs. 60 for each victoria and two horses per annum; recklas to be charged as per schedule.

"That in each case of arrears of wheel tax, an agreement be entered into by the person liable for the same to pay the amount as follows :—

"*Labour Carts.*—Half arrears on or before 15th May next and the balance on or before 31st October next.

"*Recklas.*—Arrears to be paid on or before 31st July next.

"*Victorias.*—If only one turn-out is owned, the license fee thereon of Rs. 60 is to be paid forthwith. In all other cases the owners agree to pay the tax for half the number of their turn-outs forthwith, and the remaining half on or before 15th May next. In respect of arrears of the tax on victorias all such to be paid on or before the 31st July next."

BOMBAY, 1*st May* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHOY FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJI, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF Esq.; COLONEL G. L. C. MEREWETHER, R.E.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 24th ultimo and of the special Meeting held on the 26th idem, were signed.

No. 253. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 1770, dated 27th ultimo, the Corporation be recommended to sanction the sale, to the Star of India Mills Company, of two plots of Municipal land on land fronting and adjoining the north side of Fergusson Road, admeasuring 453·33 square yards, or thereabout, at the rate of Rs. 4 per yard, as shown on the plan, dated this day and marked A."

No. 254. *Resolved* : " That, under the circumstances mentioned in the Acting Executive Engineer's No. 1312, dated 27th ultimo, and as applied for by the Commissioner in his memorandum No. 1997, dated 30th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Mahomed Esmailjee, on a site close to the G. I. P. Railway station at Matunga, shown on the tracing,* marked B, dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

Proposed by Sir Henry Morland, seconded by K. M. Shroff, Esq.—

No. 255. " That, under the circumstances mentioned in the Acting Executive Engineer's No. 1313B, dated 27th ultimo, and as applied for by the Commissioner in his memorandum No. 1998, dated 30th idem, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Messrs Ramchundra Bhikaji, Arjoon Crushnaji and Atmaram Tatoba, on a site close to Rose Cottage Lane, Mazagon, shown on the tracing,* marked C, dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

Carried (with one dissentient).

Considered again memorandum No. 1390, dated 24th April 1889, from the Commissioner, forwarding letter from Messsrs. Mycoo and Calloo Abdulla, relative to the erection of compound wall across the site of one of the proposed

* Filed in Supplement to Minutes Book, 1889-90, marked A.

roads in Agripada, where the lines of new roads have been sanctioned by the Corporation. The Commissioner's memorandum on the subject is as follows :—

"This case is forwarded to the Standing Committee as representative of what is going on in Agripada where the lines of new roads have been sanctioned by the Corporation, but nothing further has been done towards appropriating the land for the road purposes. By sanctioning these lines of roads, the Corporation have committed themselves to the responsibility of converting them into public streets and, as houses spring up, this responsibility cannot be ignored. It seems right that this, which has been already proposed to be improved may be made, and that the Corporation should proceed systematically to acquire the adjoining land on all these proposed streets, so that there may be some equivalent for the very large outlay to be incurred."

Proposed by Thomas Blaney, Esq., seconded by E. B. Carroll, Esq.—

No. 256. "That the Corporation be recommended to sanction, subject to the necessary sanction of the Government of India, the raising of a loan of fifteen lakhs of rupees for the purpose of carrying out the construction of new roads and streets in Agripada (as shown on plan marked D, dated this day), and elsewhere, including the purchase of such additional land on either side of the proposed new roads for the purpose of building, resale, and exchange, and generally, as to the Commissioner may appear advantageous or convenient.

"That, pending the raising of the loan, sanction be given to the payment of advances from available balances to the extent of 5 lakhs at a time to be adjusted against the loan."

Carried.

Considered further letter, dated 24th April 1889, from Hari Fakira and other Mahars, applying for a piece of ground for the erection of a dhurum-chowdi and sufficient space for at least 1,000 persons.

No. 257. *Resolved* : "That, in reply to their letter, dated 24th ultimo, Hari Fakira and others Mahars be referred to this office No. 129, dated 9th idem,

and again informed that their request cannot be complied with."

It was agreed that the following letter be referred to
No. 258. the Commissioner for disposal :—

Letter, dated 26th April 1889, from Mr. L. D. Nagarkar, L.C.E., stating that house No. 460, Shaik Memon Street, required to be set back, is in no way an obstruction to the convenient passage of the public, and requesting that permission may be granted to make an addition to the said house.

Ordered : " That, with reference to the standing order,
No. 259. dated 14th December 1887, directing the Secretary to forward to the Commissioner for remarks, petitions addressed to the Council, the Standing Committee now order that, when petitions or letters are received, which relate to matters in which the Commissioner is vested with entire executive authority, the said petitions or letters be sent to the Commissioner for disposal, the petitioners or applicants being informed accordingly."

The seal of the Corporation was affixed to deeds of conveyance—

No. 260. From Mr. Kikabhoy Sumsudin, of ground taken up for the improvement line of Dhunji Street.

From Hadji Mezula bin Hadji Humidula Sheik Fula, of
No. 261. ground taken up for the improvement line of Nagdevi Road. (The Acting Executive Engineer in his letter No. 1401, dated 29th April 1889, to the Municipal Commissioner, states that Hadji Mezula bin Hadji Humidula Sheik Fula is the proper person to receive compensation in this case, not Hadji Mazula Hamidula, in whose name sanction to the taking up of the ground was given by the late Town Council, in their Resolution No. 1344, dated 12th October 1887.)

Read letter No. 1696, dated 26th ultimo, from the Commissioner, to the Secretary, as follows :—

SIR,—The present contract with the Bombay Gas Company will come to an end on 30th June 1890 ; it is very essential that an early decision should be arrived at as to the means of public lighting to be adopted upon the termination of the contract.

I have before me proposals of the Bombay Gas Company for a new contract and also correspondence with other firms with reference to lighting by electricity or otherwise.

I recommend that a Select Committee of the Corporation be appointed at once to consider this very important subject.—I have, &c.,

E. C. K. OLLIVANT, Municipal Commissioner.

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 262. "That, as the present contract with the Bombay Gas Company comes to an end on 30th June 1890, the Corporation be requested, as recommended by the Commissioner in his letter No. 1696, dated 26th ultimo, to appoint a Select Committee of Councillors to consider and report as to the means of public lighting to be adopted upon the termination of the contract with the Gas Company."

Carried.

No. 263. *Resolved* : "That the following be *recorded* :—Letter No. 1822, dated 29th April 1889, from the Commissioner, reporting, as required by Section 69 (*d*) of the Municipal Act III. of 1888, that he has sanctioned the purchase from Mr. Nagu Luximon, the only manufacturer who makes them, of a suitable quality of flowerpots of the value of Rs. 1,204, for the Victoria and other gardens."

No. 264. *Resolved* : "That the following be *recorded* :—Letter No. 1571, dated 15th April 1889, from the Commissioner, reporting, as required by Section 92, Clause (*a*) of the Municipal Act III. of 1888, that he has sanctioned the sale, by public auction, of the rights to cultivate Municipal land, and cut grass thereat, &c., for one year, from 1st April 1889 to 31st March 1890, as per following statement :—

COMPARATIVE Statement showing the annual amounts realized for the rights to cultivate, &c., certain Municipal lands and places, in the charge of the Health Department for the years 1886-87, 1887-88, 1888-89 and 1889-90.

Pro. No.	Names of lease-holders.	Description of Lands, &c.	Acres of land let.	For what purpose.	Amount realized in 1886-87.	Amount realized in 1887-88.	Amount realized in 1888-89.	Amount realized in 1889-90.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1	Narayen Rowjee and Dewjee Suckaram.	Municipal reclaimed ground at Coorla.	Acres 64	Cultivation	9,000 0 0	13,425 0 0	14,550 0 0	13,600 0 0
2	Rama Dhondiba	Do. do. at Sion.....	4½	Do.	1,045 0 0	950 0 0	655 0 0	625 0 0
		Municipal reclaimed grounds at Tardeo Flats—						
3	Suggajee Ramjee and Tookaram Dajee.	Such portions of the flats as are not required for reclamation purposes.	about 65,685 sqr. yds.	Do.	4,610 0 0	Not let.	4,125 0 0	5,200 0 0
4	Amboo Krishnajee and Poonja Muckajee.	Ground at Clerk Road, north side next to Race Course.	sq. yds. 3,177	Do.	1,000 0 0	1,055 0 0	1,125 0 0	800 0 0
5	Gungaram Dwarkoojee...	Ground between main drain and Burial Ground at Clerk Road, South.	Do. 4,598	Do.	785 0 0	Not let.	1,125 0 0	1,875 0 0
6	Pandoo Arjoon.....	Ground at Arthur Road and De Lisle Road, adjoining the new Hospital and Sheep Market and portion of land on side of Chinchpoogly drain between De Lisle Road and G. I. P. Railway.	Do. 14,735	Do. and cutting grass.	1,135 0 0	1,320 0 0	875 0 0	825 0 0

Pro. No.	Name of lease-holders.	Description of Land, &c.	Acres of land let.	For what purpose.	Amount realized in 1886-87.	1887-88.	1888-89.	1889-90.
					Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
7	Sumadhan Sobah.....	Ground at Old Clerk Road Low Caste Cemetery.	.....	Cutting grass and grazing cattle.	210 0 0	160 0 0	180 0 0	310 0 0
8	Condajee Mahadoo.....	Ground at Haines Road Burial Ground.	.....	Ditto ...	110 0 0	395 0 0	210 0 0	335 0 0
9	Lingoo Pochajee.	Tank at Arthur Road and grass from Chinchpoogly drain, from corner of old burial ground to Railway Culvert.	.....	Catching fish and cutting grass	60 0 0	100 0 0	27 0 0	275 0 0
					Arthur Road Tank only for catching fish.			
10	Joao Antonio Patell	Water channel on Municipal ground at Coorla.	.....	Catching fish.....	50 0 0	40 0 0	52 0 0	40 0 0
11	Gasper Antonio Gonsalves.	Municipal ground at Matoonga ... *Milch Cattle Stables.*	.....	Grazing cattle, cutting grass and collecting fruit.	200 0 0 With toddy.	160 0 0 Without toddy.	375 0 0 With toddy.	125 0 0 Without toddy.
12	Jungum Dhurmajee ...	Kamathipoora..... 455 0 0 Agreepada ..... 110 0 0 Mody Bay 16 0 0	.....	Removal of cow-dung.	455 0 0 110 0 0 16 0 0	315 0 0 85 0 0 12 0 0	250 0 0 80 0 0 12 0 0	200 0 0
		Total ...Rs.			18,786 0 0	18,017 0 0	23,741 0 0	24,210 0 0

T. S. WEIR,

Health Officer."

Read letter No. 1695, dated 26th April 1889, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward herewith, in original, application for pension from Mr. MacEwen with two medical certificates.

Under the rules Mr. MacEwen is entitled to a pension of Rs. 200 per mensem, and this, I recommend, may be sanctioned.

It will be observed that Mr. MacEwen's premature retirement from Municipal service is entirely on account of bad health attributable to the fever he contracted at Tansa. The Standing Committee, under these circumstances, may consider that he is entitled to some special consideration, and I should certainly recommend the most liberal interpretation of the rules that may be possible.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Mulji Bhawanidas Barbhaya, Esq., seconded by Fazulbhoy Visram, Esq.—

No. 265. "That a pension of Rs. 200 per mensem be granted to Mr. R. MacEwen, he being incapacitated from further service on account of sickness contracted while on duty at Tansa."

"The Standing Committee regret that the rules preclude them from granting any special allowance to Mr. MacEwen."

Amendment moved by Javerilal Umiashankar Yajnik, Esq., seconded by Thomas Blaney, Esq.—

"That the second para. of the motion proposed by Mr. Mulji Bhawanidas Barbhaya be omitted therefrom."

On a division, the amendment was *lost* the votes being 4 *for* and 7 *against*.

The original motion was therefore *carried*.

No. 266. *Resolved* : "That, as applied for by the Commissioner, sanction be given to the transfer of Rs. 22, from savings in Section I., Establishment, Fire Brigade Budget, to the grant for Assistant Engineer, Section I., same Budget, to meet the cost of acting arrangement made during the absence of Mr. Merwanjee Framjee, Assistant Engineer, Fire Brigade, on privilege leave for 11 days, from 11th to 21st March 1889, both inclusive."

The consideration of design of a chain and badge of office for the President of the Corporation was postponed.

No. 267. *Resolved* : "That Progress Report of the Tansa works, up to the end of March 1889, forwarded with the Commissioner's memorandum No. 1958, dated 27th ultimo, be printed on the minutes of this day's meeting."

TANSA WATER WORKS.

PROGRESS REPORT UP TO THE END OF MARCH 1889.

Tansa Dam.—During the month the outturn of masonry was 408,100 c. ft., making the total quantity executed from the commencement of the work 4,422,000 c. ft. The excavations for foundations have not yet been completed. Some considerable faults have been met with and, as has been previously reported, the foundations have to be carried to a much greater depth in several places than had been estimated on from the trial pits, which will result in a considerable excess. The daily average number of people employed during the month was 7,600. The daily average number of carts was 1,100, and that of pack bullocks and donkeys 1,500. Fever still prevails and there was also a good deal of diarrhœa. The number of deaths reported during the month was 21 from various causes.

Duct.—The outturn of work during the month has been very fair. The total value of work done was not far short of 2 lacs of rupees. Over 500 feet of tunnelling was executed. The work of the Bassein Creek bridges progressed satisfactorily. The daily average number of persons employed on the duct works during the month was 12,200. There is a great deal of sickness still in the districts.

Cast-iron Pipes.—The s.s. "Ganges" and "Lord Londonderry" completed the delivery of their consignments, which makes the total delivery at Kasheli and Bombay from the commencement of operations 29,600 tons.

Statement showing progress made with the masonry of the Tansa Dam.

Description.	R. L. of river bed portion.	Quantity of Masonry executed.	Quantity remaining (approximately).
		C. ft.	
State of work at opening of season 1888-89.....	347	27,08,100	60,78,100 c. ft.
Work done in October and November 1888.....	350	2,06,900	
Do. in December 1888	353	2,90,000	
Do. in January 1889	358	4,24,000	
Do. in February 1889	361	3,84,900	
Do. in March 1889	364	4,08,100	
Total.....		44,22,000	

Statement showing progress of work on the principal items of the Tansa Duct—Season 1888-89.

	Total progress up to						Remaining to be done (approximately).
	31 May '88.	30 Nov.'88	31 Dec. '88	31 Jan '89.	28 Feb. '89	31 Mar.'89	
Excavation for Conduit..... c. ft.	53,50,000	62,40,000	72,90,000	83,60,000	92,63,000	99,19,000	94,51,000
Masonry in Conduit..... "	4,07,134	4,16,600	4,51,400	5,65,100	7,25,400	9,52,900	30,32,100
Tunnelling .... l. ft.	2,500	4,300	4,700	5,214	5,695	6,220	*
Excavation in pipe track .. c. ft.	28,18,000	29,14,000	30,41,000	31,67,000	32,18,000	32,92,000	1,08,000
Embankment .. "	53,94,000	55,70,000	59,57,593	65,01,000	65,89,000	66,99,000	1,69,000
Tramway laid ..l. yds	11,024	13,380	14,600	14,600	14,600	18,800	11,120
Erecting Bassein Creek Bridges. Tons	550	1,050	1,240	1,380	1,580	1,700	400
Laying 48" siphons..... l. ft.	..	..	..	..	..	21,600	74,200

* *See* details attached.

Detail of progress made in Tunnels up to 31st March 1889.

Number of tunnel.	Progress made.			Remaining to be done (approximately).	Remarks.
	North face.	South face.	Total.		
	Lineal feet.	Lineal feet.	Lineal feet.	Lineal feet.	
1	.....	.....	232	.....	Driven through.
1A	.....	.....	257	271	
2	813	2,495	3,308	4,694	
3	175	198	373	692	
4	448	261	709	1,590	
5	.....	.....	619	.....	Driven through.
6	.....	.....	.....	740	
7	243	479	722	2,696	
		Total...	6,220	10,682	

W. CLERKE, C.E.,
Executive Engineer, Tansa Water Works.

Ordered : "That the following be laid on the table :—

No. 268. Letter, dated 29th ultimo, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for the month of March last and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

Considered the following :—

Letter to the Commissioner, No. 198, General Department, dated 17th January 1889, as follows :—

Sir,—I am directed to request that the Municipality will, from the beginning of the next financial year, undertake the charges on account of the interment of paupers in the City of Bombay as these charges should, in the opinion of Government, be borne by the Municipality, and to ask that the requisite measures may be adopted by the Municipality.—I have, &c., J. DE C. ATKINS, Under Secretary to Government.

Memorandum No. 26716, dated 31st January 1889, from the Health Officer, to the Commissioner, as follows :—

Returned to the Municipal Commissioner.

The interment of Christian paupers is undertaken by the Commis-

sioner of Police as per Government Resolution No. 1345 of 30th April 1888, No. 2363 of 9th July 1888, and No. 4255 of the 1st December last.

The unclaimed bodies from the hospitals that are sent to the Haines Road Cemetery are cremated at the Municipal expense. There are no special arrangements for the interment of paupers generally.

T. S. WEIR, Health Officer.

Letter No. $\frac{1067}{6}$, dated 18th February 1889, from the Commissioner of Police, Bombay, to the Commissioner :—

SIR,—With reference to your memorandum No. 19565, dated 12th instant, I have the honor to inform you that, on the occurrence of the death of a Christian pauper in a hospital, intimation is given by the House Surgeon to the Superintendent of Police, E Division, who directs the undertakers, with whom a contract has been made, to supply the funeral. The undertakers afterwards submit for payment a bill accompanied by a certificate from the Clergyman that officiated at the funeral service, to the effect "that the Undertakers Messrs. . . . . "performed their duty properly, and complied with all the provisions "of the rules when supplying a funeral for . . . . . ."

Such contract has been made by this department with Messrs. Brown & Co. for the year ending 30th September 1889, for Rs. 20 a funeral.

As regards expenses incurred on account of "Interring paupers," I beg to refer you to the Accountant General.

With regard to persons found dead in the public streets without means, the Divisional Police dispose of the dead bodies by either burning or burying them according to the creed to which they belong, and submit a bill of expenses, the amount of which is recovered from Government.—I have, &c., W. H. WILSON, COLONEL, Commissioner of Police.

Letter No. 20319, dated 25th February 1889, from the Commissioner, to the Accountant General as follows :—

SIR,—I have the honour to forward herewith copy of letter No. 198, dated 17th ultimo, from Government, and to request the favour of your informing at your early convenience what amount is annually spent by Government on account of the interment of paupers in the City of Bombay, both those dying in hospital and those found dead in the streets. I should like, if possible, to have the particulars of expenditure for each community.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Letter No. $\frac{\text{P. A.}}{34880}$, dated 9th March 1889, from the Accountant General, Bombay, to the Commissioner :—

SIR,—With reference to your letter No. 20319, dated the 25th of February 1889, I have the honor to subjoin for your information a statement of the expenditure incurred on account of interment of paupers dying in hospitals and found dead in the streets in the City of Bombay during the years 1885-86, 1886-87, 1887-88, and from April 1888 to February 1889. This office is not in a position to state

the outlay incurred for each community as no particulars are given in the bills.

PARTICULARS.	1885-86.	1886-87.	1887-88.	April 1888 to Feby. 1889.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Amount paid for removal and burial of Christian paupers died in the hospitals	508 15 5	561 4 0	1,182 4 0	3,292 0 0
Do. of Natives in do.	276 8 0	280 2 0	291 12 0	309 4 0
Do. for disposing of dead bodies of new born infants and the poor found in the streets.....	105 1 0	96 15 0	134 11 6	133 3 6
Fees paid to Roman Catholic Priests for the burial services of Roman Catholic paupers died in the Hospitals at Rs. 10 for each service	70 0 0	20 0 0	80 0 0	50 0 0
Total...	960 8 5	958 5 0	1,688 11 6	3,784 7 6

I have, &c., STEPHEN JACOB, Accountant General.

Letter No. 21787, dated 22nd March 1889, from the Commissioner, to the Accountant General :—

SIR,—I have the honour to thank you for the information given in your letter No. $\frac{P.A.}{34880}$ of the 9th instant, and to ask the further favour of your informing me to what cause is to be attributed the marvellous increase in the charges for the interment of Christian paupers who have died in hospitals. The charge in 1887-88 was more than double that of 1885-86, and has again been more than doubled in the current year (not yet completed). I notice, however, that there has been no corresponding increase in the amount of fees paid for Roman Catholic burial services.

If you cannot give me the desired explanation, perhaps you can indicate the authority from whom it may be obtainable.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Memorandum No. $\frac{P.A.}{36725}$, dated 27th March 1889, as follows :—

Copy forwarded to the Municipal Commissioner for the City of Bombay with reference to his No. 21787, dated 22nd March 1889.

U. D. COWLEY, Assistant Accountant General.

Copy of letter No. $\frac{1682}{5}$, dated 14th March 1889, from the Commissioner of Police, to the Accountant General :—

SIR,—In reply to your office No. $\frac{P.A.}{34979}$, of the 11th instant, I have the honour to give below the reasons for the large increase in the

expenditure, on interment of paupers dying in hospitals or found dead in the streets during the last year :—

In the year 1887, Government directed that the burial of pauper, was a work which should be taken in hand by the Police Departments in consequence of a report on the subject made by the Municipal Commissioner; since the passing of that order not only the paupers who died in the European General Hospital and those found by the Police in the roads, but also all those dying in the Jamsetjee Jeejeebhoy, the Goculdas Tejpal, and Cama Hospitals, including Goanese paupers, have, by a further order, been buried at the expense of Government. The number of Goanese and Christian paupers who have died in the various hospitals, quoted during the year, has been large, and to this cause is principally due the increased expenditure referred to by you.—I have, &c., W. H. WILSON, Commissioner of Police.

Letter No. 18, dated 1st April 1889, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward, for submission to the Standing Committee, a letter No. 198, dated 17th January, from the Secretary to Government and subsequent correspondence relating to the interment of paupers, the expense of which should, in the opinion of Government, be undertaken by the Corporation. This charge will entail an annual grant of Rs. 4,000 approximately.—I have, &c., E. C. K. OLLIVANT, Commissioner.

On the motion of Dosabhai Framji, Esq., seconded by Javerilal U. Yajnik, Esq., it was—

Resolved: " That, with reference to letter from Government No. 198, General Department, dated 17th January 1889, and subsequent correspondence, the Corporation be recommended to inform Government that the only proportion of the charges in question which the Municipality can fairly be called upon to bear are those for the disposal of the dead bodies of new-born infants and of the poor generally found in the streets, the average amount of which is less than Rs. 150 per annum."

No. 269.

The consideration of the question of admission of the subordinate staff of the Gokuldas Tejpal Hospital to the Municipal Pension Fund was postponed.

Considered again letter No. 12428, dated 30th October 1888, from the Commissioner, relating to the arcading of certain streets in the city.*

* *See* Proceedings of the Standing Committee, 24th October 1888.

Proposed by E. B. Carroll, Esq., seconded by Kaikhosro Nowroji Kabraji, Esq.—

No. 270. "That, as proposed by the Acting Commissioner in his letter No. 12428, dated 20th October 1888, the Corporation be recommended to accord their sanction to permission being given by the Commissioner to the erection of arcades in the streets* mentioned in the following list :—

1. Fort Street ; 2. Carnac Road ; 3. Parel Road from Paidhowni northwards ; 4. Grant Road.

Carried (with one dissentient).

The consideration of the question of water tax in respect of properties on Nowroji Hill reclamation ground and quarries, the property of Mr. Jalbhoy Ardasher Sett, was postponed.

The consideration of renewed application for the erection of Municipal Market at New Foras Road was postponed.

No. 271. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 2046, dated 1st instant, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

The consideration of the proposal for lighting with gas Fort and other streets recently, taken over from the Port Trust, was postponed.

No. 272. *Resolved* : "That, as proposed by the Commissioner in his memorandum No. 1965, dated 30th ultimo, the Standing Committee, by virtue of Section 72, Clause 3, of the Municipal Act III. of 1888, hereby authorise the Commissioner to accept the offer of Messrs. Hirjee and Raojee, namely to complete the remaining portion of the works for the prevention of leakage of the Waste Weir at Vehar at the cost of Rs. 13,618, *plus* Rs. 1,362 for contingencies and establishment at 10 per cent. ; total Rs. 14,980.

"That the Committee authorize the Commissioner to enter into this contract without inviting tenders for such work, for the reason that the work is in continuation of

* The streets in which arcades are limited are : 1. Rampart Row ; 2. Esplanade Road ; 3. Hornby Road ; 4. Fuller Road ; 5. Elphinstone Circle ; 6. Colaba Causeway ; 7 Abdul Rehman Street."

that previously done by the same contractors, and that, in the event of any question of defective construction or other difficulty arising, it would be undesirable to have the responsibility divided between two contractors.

"That sanction be given to the renewal of the balance of Rs. 16,464-8-10 of the grant of Rs. 35,000 sanctioned by the Corporation on the 26th January 1889, for the construction of concrete trench at the waste weir at Vehar Lake."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 29th April 1888.*

Read and *recorded* memoranda Nos. 1487 and 2002, dated 24 and 30th ultimo, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of Property destroyed.	Name of Owner.	Estimated Damage.	Cause of Fire.
1889.				Rs.	
17th April at 9 a.m.	Nowroji Hill 2nd Street.	Portion of woodwork of a house.	RungooMorria.	50	Careless use of a fireplace.
17th April at 10-15 a.m.	Colaba	A quantity of loose cotton.	New Apollo Press. Muthoora das Panachund	1,500	Caused by a piece of stone in the cotton while passing through the cleaning machine.
23rd April at 11 p.m.	Parell Tank Road.	A hut.....	Sajiman Aba	7	Sparks from the fireplace setting the roof on fire.
24th April at 3-50 a.m.	Port Trust Estate.	Stack of coal	Fischer & Co.	50	Spontaneous combustion.

Resolved: "That the following be approved and *recorded* :—Memorandum No. 1954, dated 30th ultimo, from the Commissioner, stating that the pension payable to Mr. Nasherwanji Coyaji, late Town Duty Refund Officer, is Rs. 181-9-8 per month, from 1st April 1889, calculated on his average emoluments of five years, from 1st February 1867 to January 1872.

No. 273.

A note was received from Thomas Blaney, Esq., declining to accept fees to which as a member of the Standing Committee he is entitled under Section 50 of the Municipal Act III. of 1888.

* *See* Appendix R.

BOMBAY, *8th May* 1889.

AT the Meeting of the Standing Committee held this day, there were psesent :—

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq. KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M. F.B.G.S., F.R.A.S., ASSOC. I.C.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq.; C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

A note had been received by the Municipal Secretary, from Mr. Dosabhai Framji, stating that he will be absent from Bombay for two or three weeks.

Mr. Blaney was voted to the chair.

The minutes of the Meeting held on the 1st instant, were signed.

On the motion of E. B. Carroll, Esq., seconded by Kaikhosro Nowroji Kabraji, Esq., it was—

Resolved: "That, as proposed by the Commissioner in his memorandum No. 2358, dated 4th instant, the Corporation be recommended to sanction the sale, to Messrs. Tukaram Ranuji and Bapuji Mahadji, of 152·77 square yards, or thereabout, of Municipal land on the north of Fergusson Road, at the rate of Rs. 4 per yard."

No. 302.

Read memoranda Nos. 2024, 2373 and 2449, dated 1st, 4th and 6th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures, built without permission. From the papers it appears that due notice was given to the persons concerned.

Name of owners.	Where.
Bai Maneckbai, wife of Mr. Furdoonjee Merwanjee Banajee.	Building at Nos. 70-72, Nepean Sea Road.
Bai Dhanbai, wife of Mr. Kassum Esmail Ghachi.	House at Nos. 168-170, Erskine Road.
Bai Jeithibai	House at Nos. 44-46, Duncan Road.

Read, also, letter, dated this day, from Messrs. Ardesir, Hormusjee and Dinshaw, on behalf of Bai Maneckbai, forwarding copy of letter sent by them for their client to the Commissioner, on the 6th instant, asking that proceedings against her in this matter might be stopped.

Proposed by Sir Henry Morland, seconded by E. B. Carroll, Esq.—

"That, as applied for by the Commissioner in his memorandum No. 2024, dated 1st instant, sanction be given to the removal of the following structure built without permission :—

Bai Maneckbai, wife of Mr. Furdoonjee Merwanjee Banajee.	Building No. 70—72, Nepean Sea Road."

Amendment, moved by Cowasjee Hormusjee, Esq., seconded by Kaikhosro Nowroji Kabraji, Esq.—

No. 303. "That the consideration of application for the removal order in the case of Bai Maneckbai be postponed for one week."

The amendment was *carried* by 4 votes *against* 2.

Sanction to the removal orders against Bai Dhunbai and Bai Jeithibai were then given.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq., and *carried*—

No. 304. "That, as recommended by the Commissioner in his memorandum No. 1955, dated 30th ultimo, sanction be given to the rate being increased from Rs. 45 to Rs. 75 per square yard for the 36·68 square yards, or thereabout, of ground taken up from Mr. Nursi Khutao for the improvement of Dongri Street."

Resolved : "That the following be *recorded* :—Memorandum No. 2023, dated 1st instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the Tansa Loan Deposit account No. 1, to the Municipal General Fund pass book, on the 24th April 1889."

No. 305.

Read letter No. 2620, dated this day, from the Commissioner to the Secretary.

Proposed by Cowasjee Hormusjee, Esq., seconded by Sir Henry Morland—

No. 306. "That, as recommended by the Commissioner in his letter No. 2620, dated this day, to the Secretary, sanction be given to the repayment to the Oriental Spinning and Weaving Mills Company, of the sum of Rs. 1,431-7-1, deposited by them in the year 1873, for the purchase of 1311·72 square yards of ground near the Hornby Vellard. Such ground is not now available for sale, and the Mills Company agree to settle their claim

on receiving back the Rs. 1,431-7-1, together with 6 per cent. interest thereon from the 8th October 1873. That the charge for interest amounting in all to Rs. 1,338-6-4 be debited to the Surface Drainage Loan."

Carried.

No. 307. The seal of the Corporation was affixed to 22 renewals of old bonds, namely, 5 Sanitary Works Loan of 1885, 4 of the value of Rs. 5,000 each, Nos. 1606/1615 N. N., 1616/1625 N. N., 1626/1635 N. N., 1636/1645 N. N., both inclusive, and 1 of the value of Rs. 4,000, Nos. 1646/1653 N. N., and 17 Drainage Loan of 1878, of the value of Rs. 5,000 each, Nos. 3845/3854, 4179/4186, 4339/4348, 4349/4358, 4359/4368, 4369/4378, 4379/4388, 4389/4398, 4399/4408, 4929/4938, 4949/4958, 4959/4968, 4969/4978, 4989/4998, 4999/5008, 5009/5018, and 5079/5088, both inclusive.

The seal was also affixed to deeds of conveyance—

No. 308. From Mr. Nusserwanji Manockji Petit, of ground taken up for the improvement line of Charni Road.

No. 309. From Hadji Abdul Sattar Hadji Umar and Hadji Abdulla Hadji Umar, of ground taken up for the improvement line of Walkeshwar Road. (The Acting Executive Engineer, in his letter No. 1978, dated 6th May 1889, to the Municipal Commissioner, states that Hadji Abdul Suttar Hadji Umar and another are the proper persons to receive compensation in this case, not Hadji Absuttar Hadji Umar, in whose name sanction to the taking up of the ground was given by the late Town Council, in their Resolution No. 650, dated 11th August 1886.)

No. 310. From Messrs. Karsondas Natha, Dwarkadas Damodardas and Mulji Purshotum, of ground taken up for the improvement line of Kazi Syed Street. (The Acting Executive Engineer, in his letter No. 1977, dated 6th May 1889, to the Municipal Commissioner, states that Messrs. Karsandas Natha and others are the proper persons to receive compensation in this case, not Messrs. Dwarkadas Damoder and Karsondas Natha, in whose name sanction to the taking up of the ground was given by the late Town Council, in their Resolution No. 19, dated 4th April 1887.

No. 311. From Hadji Vaidina Hadji Kasam Mukadum, of ground taken up for the improvement line of Nagdevi Road. (The Acting Executive Engineer, in his letter No. 1979, dated 6th May 1889, to the Municipal Commissioner, states that 14·68 square yards of ground only were taken up in this case, being ·33 square yard less than the area, 15·01 square yards, sanctioned by the late Town Council, on the 15th February 1888; and that Hadji Vaidina Hadji Kasam Mukadum is the proper person to receive compensation in this case, not Hadji Vaidina Kasam in whose name sanction to the taking up of the ground was given by the Council, on the 15th February 1888.)

No. 312. *Resolved*: "That, as recommended by the Commissioner in his memorandum No. 2356, dated 4th instant, sanction be given to the extension of time up to 30th April 1889, of the contract with Messrs. Walsh, Lovett & Co. for the supply of cement."

No. 313. *Resolved*: "That, as asked for by the Commissioner in his letter No. 2276, dated 3rd instant, sanction be given to the payment of conveyance allowance of Rs. 50 to Mr. Chaves, Inspector, F Ward, and (2) of travelling allowance of Rs. 20 to Mr. Kashinath Deoji, Inspector, G Ward, while acting for Mr. Watson, Superintendent of Water Works, during his absence on privilege leave for one month from 25th April 1889. That sanction be also given to the transfer of Rs. 20, from savings in Section I, Establishment B, Inspection, Distribution and Waste Prevention, Water Works, Engineer's budget, to Section I, A, maintenance of pipes and fittings, same head, same budget, to meet cost of travelling allowance to Mr. Kassinath Devji."

No. 314. *Resolved*: "That, with reference to the Corporation Resolution No. 276, dated 2nd instant, the Commissioner be requested to ascertain the terms on which the full time services of Mr. Sitaram Khanderao Vaid can be obtained as clerk of the works for the new Municipal Office building."

No. 315. *Resolved*: "That the following be referred to the Commissioner for disposal:—Letter, dated 1st instant, from Messrs. Alibhoy Ismailji and Meerbhoy Esmailji Nulwala, praying that cross lane, Kamathipura 13th Street, may be lighted."

No. 316. Further letter, dated 2nd instant, from Mr. Camblia Posha, regarding the lighting of Bhundarwada cross lane, Mandvie.

No. 317. *Resolved:* "That the designs for a chain and badge of office for the President now laid on the table be passed on to the Corporation. The probable cost will be from Rs. 6,000 to Rs. 8,000, but the cost cannot be defrayed from the Municipal fund."

On the motion of Thomas Blaney, Esq., seconded by Muncherjee Nowrojee Banajee, Esq., it was—

No. 318. *Resolved*: "That the Progress Report up to the end of March 1889, of the Tansa Water Works, forwarded with the Commissioner's memorandum No. 1758, dated 27th ultimo, be *recorded*, it being understood that the Commissioner will furnish at the earliest possible opportunity, an estimate of the probable additional cost of the foundations of the Tansa dam."

Considered again memorandum No. 22087, dated 26th March 1889, from the Commissioner, forwarding correspondence on the question of admission of the subordinate staff of the Gokuldas Tejpal Hospital, to the Municipal Pension Fund.

Proposed by Thomas Blaney, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 319. "That, with reference to the Accountant General's proposals, embodied in his letter to Government, No. 32118 of 13th February last, Government be informed that the staff of the Gokuldas Tejpal Hospital not being Municipal servants, cannot be admitted to the Municipal Pension List."

Carried.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 320. "That, as proposed by the Commissioner in his letter No. 934, dated 13th ultimo, sanction be given to the acceptance of the compounded payment by Mr. Jalbhoy Ardasir Sett of Rs. 1,000 in lieu of water tax for the year 1888-89, and to the charging of a compounded sum of Rs. 1,200 for the year 1889-90 in lieu of water tax on his properties on Nowrojee Hill reclamation ground and quarries. Municipal meters to be fixed to the service pipes at Mr. Jalbhoy's expense."

Carried.

Read letter, dated 13th ultimo, from Messrs. Mansukhlal, Damodar and Jamsetji, forwarding petition from Messrs. Thompson and Abdul Latiff Esmail, asking that the question of the erection of Municipal Market at New Foras Road may be expedited.

No. 321. *Resolved* : "That, in reply to their letter, dated 13th ultimo, Messrs. Mansukhlal, Damodar and Jamsetji be informed that their application for the building of a market at Foras Road will be considered when the Budget estimates for 1890-91 are under consideration.

"That the Municipal Commissioner be requested to include the estimate of the market in his proposals for next year."

No. 322. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 2639, dated 8th instant sanction be given to the severance of water connections as per list forwarded with the said memorandum."

On the motion of Cowasjee Hormusjee, Esq., it was agreed that the following papers be printed and circulated and the consideration thereof postponed for a week :—Memorandum from the Commissioner, No. 2642, dated 8th instant, reporting on the works in connection with the service reservoirs which should be undertaken during the next fair season.

The consideration of the proposal for lighting with gas Fort and other streets, recently taken over from the Port Trust, was postponed.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 6th May 1888.*

Read and *recorded* memorandum No. 2498, dated 6th instant, from the Commissioner, forwarding return of fire, as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of Property destroyed.	Name of Owner.	Estimated Damage.	Cause of Fire.
1889.					
27th April at 7-10 p.m.	Mungesh Senoy Street.	Grass mat	Mr. Burjorji Maneckji.	As. 2	Fall of kerosine Lamp.

* *See* Appendix B.

Read letter No. 2606, dated 8th instant, from the Commissioner, to the Secretary, as follows:—

SIR,—With reference to para. 5 of the Resolution of the Standing Committee, No. 5707, dated the 16th January last, I have the honor to recommend that, under Section 170 of the Municipal Act, all water supplied to the Port Trust estate may be charged at the rate of 12 annas per 1,000 gallons, the meter hire being paid by the Trustees in addition.

2. It will be observed that water supplied to the Trustees can now be charged only by meter measurement and the rate proposed is the existing rate* which was charged in all cases except the following in which the Trustees made compounded payments as shown below :—

* *See* also late Town Council's Resolution No. 1058 of 24th August 1887.

I.—The Elphinstone estate—Rs. 800 per annum.

II.—Colaba Causeway—Rs. 165 per annum.

III.—Gunpowder road, Mazagon—Rs. 250 per annum.

In addition to this, a deduction of 10 per cent. has hitherto been allowed in the bills for the Prince's Dock in consideration of the quantity of water used by the Trustees for sanitary purposes on that Dock.

3. Under section 170 these compounded payments, as also the deduction of 10 per cent from the amount leviable at the sanctioned rate, seem to be illegal, and the rate now proposed is an all-round rate to be charged from the beginning of the current official year in supersession of all previous arrangements.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by E. B. Carroll, Esq.—

No. 323. "That, as recommended by the Commissioner and under the provisions of section 170 of the Municipal Act, all water supplied to the Port Trust be charged for at the rate of 12 annas per 1,000 gallons, the meter hire being paid by the Trustees in addition.

"That this charge be an all-round rate and payable from the beginning of the current official year in supersession of all previous arrangements."

Carried.

No. 324. *Resolved* : "That, with reference to the resolution of the Standing Committee No. 7157, dated 20th March 1889, the figures '1888-89' be inserted in place of the figures '1889-90.'"

No. 325. *Resolved* : "That, with reference to the resolution of the Standing Committee, No. 7207, dated 27th March 1889, the words 'to meet heavy payments owing to the closing of the accounts for 1888-89, including Rs. 90,000, payable to Government for site at Bori Bandar for new Municipal Office building' be

inserted between the word 'Loan' and the figure '(1)' in the above resolution."

Resolved : "That Mr. Byramji Dorabji Banaji be appointed as Office Manager to the Standing Committee from 1st April 1889."

No. 326.

Read letter, dated 2nd instant, to the Secretary, from Mr. Hormusjee Merwanjee Narelwalla, complaining of certain reports in the *Times of India* and *Akbari Soudagur* of 23rd April last, regarding order for the removal of chawl at Wari Bandar.

It was agreed that the letter be referred to the Commissioner, and that applicant be informed accordingly.

No. 327.

Read the following :—

BOMBAY, 8*th May* 1889.

THE SECRETARY OF THE MUNICIPALITY OF BOMBAY.

SIR,—As my intended absence from Bombay for a period of over six months renders me incapable of acting as a member of the Standing Committee, as provided for under Section 47 of the Act, I beg hereby to resign my seat on and from Friday next, the 10th instant, on which date I intend embarking for England.—I remain, &c.,

HENRY MORLAND.

Proposed by Cowasjee Hormusjee, Esq., seconded by Kaikhosro Nowroji Kabraji, Esq.—

"That the Standing Committee desire to place on record their high appreciation of the valuable services rendered during several years past by Captain Sir Henry Morland as a member of the late Town Council and of the present Standing Committee."

No. 328.

Carried with acclamation.

It was decided on the application of the Secretary that the next meeting of the Standing Committee be held on Thursday instead of Wednesday.

BOMBAY, 16*th May* 1889.

At the meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; FAZULBHOY VISRAM, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the HEALTH OFFICER ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the MUNICIPAL SECRETARY.

Mr. Blaney was voted to the chair.

The minutes of the Meeting held on the 8th instant, were signed.

Resolved: "That, as applied for by the Commissioner,
No. 715. in his memorandum No. 2743, dated 9th instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structure, built without permission :—

Name of Owner.	Where.
Mr. Abdul Kurim Hadji Tyab	... Building at Nos. 253-255, Kambekar Street."

Resolved: "That the following be *recorded* :—Memo-
No. 716. randum No. 2565, dated 7th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan Deposit account No. 1, to the Municipal General Fund pass book, on the 1st, 2nd, and 4th instant."

Resolved: "That, as recommended by the Commissioner,
No. 717. in his memorandum No. 2952, dated 13th instant, sanction be given to the rate being increased, from Rs. 3 to Rs. 8 per square yard, for the 224·94 square yards, or thereabout, of ground taken up from Mr. HadjibhoyLallji, for the improvement of Walkeshwar Road."

Resolved: "That, as recommended by the Commissioner,
No. 718. in his memorandum No. 2860, dated 11th instant, sanction be given to the rate being increased, from Rs. 35 to Rs. 50 per square yard, for the 29 square yards, or thereabout, of ground taken up from Mathubai, widow of Kuverji Chapsi, for the improvement of Dariasthan Street."

The seal of the Corporation was affixed to deeds of conveyance—

No. 719. From Mr. Nurbhai Ibrahimji, of ground taken up for the improvement line of Doctor Street.

No. 720. From Mr. Jewanji Dosabhoy Shroff, of ground taken up for the improvement line of Dadur Road.

No. 721. From Mr. L. P. DeRozario, of ground taken up for the improvement line of Mount Road.

No. 722. From Messrs. Bakerbhai Abdulbhai and Rahimbhai Abdulbhai, of ground taken up for the improvement line of Sheik Memon Street. (The Acting Executive Engineer, in his letter No. 2344, dated 13th May 1889, to the Municipal Commissioner, states that

Messrs. Bakerbhai Abdulbhai and another are the proper persons to receive compensation in this case, not Mr. Rahimbhai Abdulbhai, in whose name sanction to the taking up of the ground was given by the late Town Council, in their Resolution No. 370, dated 18th April 1888.)

No. 723. From Bai Parbatibai, widow of Balkrishna Raghunath, of ground taken up for the improvement line of Mugbhat Street. (The Acting Executive Engineer, in his letter No. 2345, dated 13th May 1889, to the Municipal Commissioner, states that Bai Parbatibai, widow of Balkrishna Raghunath, is the proper person to receive compensation in this case, not Parbatibai, widow of Raghunath Balkrishna, in whose name sanction to the taking up of the ground was given by the late Town Council, in their Resolution No. 389, dated 25th May 1887.)

The seal was affixed to deeds of contract—

No. 724. With Messrs. Richardson and Cruddas, for supply during 1889-90 of iron castings for the Municipal Workshops.

No. 725. With Messrs. Heptula Sheik Adum & Co., ditto of petty stores.

No. 726. With ditto ditto of hardware.

No. 727. With Mr. Sorabji Nowroji Moosa, ditto of carts and bullocks pairs.

No. 728. With Messrs. Fakirji Pestonji & Co., ditto of timber.

No. 729. With ditto for annual repairs to Municipal buildings, petty works, and supply of building materials during 1889-90.

No. 730. With Messrs. Dadabhoy Hormusjee & Co., for the supply during 1889-90, of coal and coke.

No. 731. With Mr. Jivanji Jamasji Mistri, for putting in the foundations of the new Municipal buildings.

No. 732. *Resolved*: "That, as recommended by the Commissioner, in his letter No. 2504, dated 6th instant, sanction be given, under Section 69 *(c)* of the Municipal Act III. of 1888, to the extension, up to 31st March last, of the time of contract with Messrs. Walsh Lovett & Co., Agents for Messrs. Macfarlane, Strang & Co., for the supply of pipes for the Water Works stock."

Resolved : "That, as applied by the Commissioner in his
No. 733. letter No. 3125, dated 15th instant, sanction be given to the entering into a contract for a period of three years, with Mr. K. D. Framjee, for the right to utilize blood at the Slaughter Houses, Bandora, at Rs. 10 per mensem, exclusive of ground rent of Rs. 5 per mensem."

The consideration of the following was post-
No. 734. poned:—

Letter No. 2642, dated 8th instant, from the Commissioner, in connection with the service reservoirs.

Read memorandum No. 2579, dated 7th instant, from the Commissioner, forwarding, for information of the Standing Committee, letter No. 527W; dated 29th ultimo, from the Deputy Executive Engineer in charge Water Works, as follows :—

SIR,—In continuation of this Office No. 4010 of the 8th November last, I have the honor to state that it has been found necessary from the 19th instant to cease filtration at the Vehar Filters on account of want of head between the filters and the Lake; the north of the Island is now consequently supplied entirely with unfiltered water.

2. In consequence of the low level of the Vehar Lake, the delivery into Bhandarwada is materially reduced, and it is found necessary to curtail the supply to the districts supplied from Bhandarwada by about one hour per day. This will be felt most severely in the higher localities, such as Matharpakadi.

3. The direct delivery into the City through the Vehar 32" main is also reduced, and the higher pressures are now practically reduced by one floor. This is felt in the native city, *i.e.* western part of B ward and whole of C ward and southern part of E ward.

4. The Tulsi supply is more satisfactory than usual, both as to quantity and quality; and I do not anticipate an increase of complaints from the Tulsi Districts.

5. At the time of writing, the storage of water in the city is at its practical maximum (except the settling Basin, Malabar Hill, which was emptied some months ago in anticipation of repairs and which, I do not recommend, should be refilled until the repairs are executed).

6. I have carefully considered whether any alleviation of inconvenience could be effected by changing in any respect the method of supply, and I have come to the conclusion that, taken as a whole, the present arrangements cannot be improved although I regret to say that there must be considerable inconvenience in many places. It must be remembered, however, that the Vehar Lake has not previously been so low since the Bhandarwada Reservoir was completed, and that in the meantime the demand has increased very materially.—I have, &c.,

S. TOMLINSON.

No. 735. *Resolved* : "That memorandum No. 2579, dated 7th instant, from the Commissioner, forwarding Report from the Deputy Executive Engineer in charge of Water Works, on the state of water supply during the present hot season, be *recorded.*"

No. 736. *Resolved* : "That the Standing Committee, by virtue of Section 72, Clause 3, of the Municipal Act III. of 1888, hereby authorise the Commissioner to purchase direct from Messrs. Glenfield & Co., of Kilmarnock, four sluices for Tansa Dam outlet, at a cost of £230 sterling.

"That the Commissioner be authorized to enter into this contract without inviting tenders for such supply by public advertisement, as Messrs. Glenfield & Co. have a particular reputation for this kind of work, and inasmuch as Mr. Clerk, while in Europe last year, placed himself in communication with them as to the special construction of the sluices."

No. 737. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 2728, dated 9th instant, sanction be given to the expenditure of Rs. 2,400, to meet the cost of fencing in the Municipal ground at Chinchpokli between Arthur and DeLisle Roads, which is being used as a pipe depôt for Tansa Works ; the charge to be debited in suspense account to the grant for contingencies, Tansa Water Works."

No. 738. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 2563, dated 7th instant, sanction be given to the transfer of Rs. 220, from savings in Section I, Establishment, B., Inspection, Distribution and Waste Prevention, Water Works, Engineer's Budget, to Section IV, Outdoor Establishment, Roads and Buildings, same Budget, to meet the cost of acting arrangements made during the absence of the Inspector of Roads and Buildings (B Ward), Engineer's Department, on privilege leave for three months."

No. 739. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 2742, dated 9th instant, sanction be given to the charging of Rs. 84-4-0 for special halalkhor service rendered temporarily to His Highness the Jamsaheb of Jamnagar, at Mahaluxmi."

Resolved : "That, as applied for by the Commissioner, in his memorandum No. 2564, dated 7th instant, sanction be given to the writing off of Rs. 366-5-4, being the value (1), of 1,099 forms of building applications which became useless and obsolete on the passing into force of the present Municipal Act, and (2), of 26 old forms of the value of Rs. 9-8-0, in exchange for new ones: total Rs. 375-13-4."

No. 740.

Resolved : "That, as recommended by the Commissioner, in his memorandum No. 2506, dated 6th instant, sanction be given to the payment to Jugmohansing Shunkersing of Rs. 4 per mensem (till such monthly instalments reach the sum of Rs. 153-7-4), the amount of compassionate allowance granted to Mahabir Shunkersing, son of Shunkersing Bhyrosing, late Havildar, Municipal Commissioner's Office."

No. 741.

Resolved : "That, as recommended by the Commissioner in his memorandum No. 2891, dated 11th instant, sanction be given to the payment of a compassionate allowance of Rs. 79-12-0, to Yeswadabai, widow of Gunnu Bhikaji Deoli, late lascar of the Engineer's Department."

No. 742.

On the motion of K. M. Shroff, Esq., seconded by Fazulbhoy Visram, Esq., it was agreed that the consideration of memorandum No. 2838, dated 10th instant, from the Commissioner, relative to increased rations for the meat-van bullocks, be deferred until the report by the Committee of the Corporation appointed to consider the question of the mortality of bullocks in the Health Department is disposed of by the Corporation.

No. 743.

Read memorandum No. 3305, dated this day, from the Commissioner, forwarding the Health Officer's Report for the Fourth Quarter of 1888, and stating that the alteration in the procedure regarding service of summonses alluded to by the Health Officer is not attributable to any change in the law.

On the motion of Cowasjee Hormusjee, Esq., seconded by Fazulbhoy Visram Esq., it was—

Resolved : "That the Health Officer's Report for the Fourth Quarter of 1888, be passed on to the Corporation.

No. 744.

"That the attention of the Commissioner be drawn to the resolution of the late Town Council, No. 262, dated 19th May 1886, to the effect that the Municipal Commissioner be

requested to arrange for analyses of the Vehar and Tulsi water as delivered from the reservoirs for the information of the Council, such analyses being made once a month."

In accordance with notice of motion, Cowasjee Hormusjee, Esq., proposed—

No. 745. "That the Commissioner be requested to draw up a scheme for the removal of Kutchra and refuse of the City to Kurla swamps, giving datailed probable estimate of cost."

The Commissioner handed in the following papers on the subject, and thereupon it was agreed, on the proposal of the mover, that the consideration of the whole question be postponed until next Meeting, and that in the meantime the papers be printed and circulated :—

No. 3176 OF 1889-90.

BOMBAY, 15*th May* 1889.

TO THE MUNICIPAL SECRETARY.

SIR,—From the list of business for to-morrow's Standing Committee Meeting received to-day, I see that Dr. Cowasjee Hormasjee proposes to ask a question as to the future disposal of Town sweepings. I therefore send a copy of a letter which I have addressed to the Health Officer and Executive Engineer on the subject. I should have preferred to be in possession of more complete information before bringing the matter before the Standing Committee ; but having regard to the question on the notice paper it is perhaps desirable that I should not delay the expression of my opinion. There is also another reason for bringing the matter forward, *viz.*, that Government should be approached as soon as possible with a view to secure the reservation of the (tidal) waste lands bordering the Tanna Creek. I have had a map prepared of this area with an index of tenures, and preliminary negotiations need not be deferred pending the estimates which I must await before making any matured recommendation to the Corporation. There are two other minor considerations, first, that with this scheme in view, the Tulsi pipe line should be absolutely reserved for Municipal purposes, and secondly, that it will be well to obtain the necessary authority for preventing any buildings from springing up on the strip of ground marked red on the tracing. I mentioned my present proposal before I left for England in 1887, but it was evidently lost sight of, for I returned only just in time to put in a protest against permitting the alienation of any portion of the land comprised within the Tulsi pipe track, except under very special conditions.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

No. 3175-76 OF 1889-90.

BOMBAY, 16*th May* 1889.

TO THE HEALTH OFFICER,
THE EXECUTIVE ENGINEER.

SIR,—With reference to Government Resolution No. 5632, dated 18th August 1888 and your No. 17038 of 11th October and No. $\frac{G}{3871}$ dated 27th November, it appears to me to be useless to continue the inquiries and correspondence on the present lines, at any rate until it is found that no better scheme for the disposal of town sweepings is feasible.

2. The disposal of town sweepings by incineration has not been an unmixed success even in those towns of England where the system has been carried out to the best advantage, as the latest reports on the subject shew, though no doubt it was the best system that could be adopted and incomparably better than the methods which had preceded it; so much so that had local conditions been the same I should not have hesitated to recommend it for Bombay. Here, however, besides a great difference in the climatic considerations we have first an entire absence of cinder refuse among the sweepings; secondly, we should have to pay treble the English price for any fuel required; thirdly, we have in the Kurla swamps practically an unlimited area of land available for reclamation which we know by experience can, when reclaimed with sweepings for purposes of cultivation, yield an annual rent of from Rs. 200 to Rs. 300 per acre to the great benefit of the local market; fourthly, we believe that we shall sooner or later have to face the problem of disposing of our liquid sewage otherwise than by discharging it into the sea at Love Grove, and we regard it as at least a possible alternative* that the best plan will be to apply it to the irrigation of the Kurla waste area when reclaimed.

3. For these reasons I think we must in the main look to conveyance of the sweepings to the Kurla swamps as the best solution of the difficulty which awaits us when in the near future the present means of disposal on the Flats are exhausted. I think however that we may improve the present system of collection, and that we should also attentively consider any possibility of reducing the bulk to be carried, either by using presses, or by erecting small furnaces (to do what the

* It must be remembered that the whole of the northern portion of the island, even those parts where buildings are fast increasing, such as the neighbourhood of Fergusson Road, Parel and Dadar, is absolutely devoid of sewers. It will be necessary either to provide a system of sewers running from north to south to the present outfall, which already stands half condemned, or to send the main sewer northward. I know of no point of discharge likely to be satisfactory short of Chimbur.

domestic grate dees in England) in all convenient localities as near as possible to the collecting centres, or by both these measures combined.

4. Given then the necessity of conveying many tons of street sweepings to Kurla, or speaking more correctly to Chimbur, the point for determination is how this removal can best be effected. A conveyance by rail entails many difficulties, some of which are clear from this correspondence. It will be very difficult to make the necessary arrangements with the Railway Companies, and the selection of suitable depôts with the construction of the special siding is beset with obstacles both on the score of expense and nuisance. Supposing these to be satisfactorily surmounted, we have to consider the conveyance of the sweepings from the terminal point on the Railway to the precise spot on the tipping ground where they have to be deposited. As this spot must of necessity be a variable one, we must have a ramification of branch sidings, and the main branch itself will extend to a very considerable length. We must then at the terminal point of the Railway carriage proper either make arrangements for a second process of transhipment into a smaller tram system of our own, or lay rails suitable to the gauge and the heavy trucks and locomotives of the Railway Companies. Either of these courses seem to me likely to be open to very great objections.

5. The alternative which at present commends itself to me is to lay a tramway of our own, starting from some convenient point near the present area of disposal on the Flats and ending on the Chimbur swamps with such branches there, as may from time to time be required. I lean the more to this alternative, because, as you are no doubt aware, a probable feature of the present Tansa scheme is to lay a 2′ 6″ tramway along the pipe line, and this pipe line between Ghatkopar and Matunga will cross the Chimbur tract. From Matunga to Clerk Road the line has not yet been finally determined, but it may very possibly join in with the existing Tulsi pipe line at some intermediate point. In any case we have already the Tulsi pipe line available for a tram track from the Haines Road to Dadar, or some point north of Dadar without any new expenditure on land, and the acquisition of new land would at the most be confined to a connecting strip between the Tulsi pipe line and the Tansa pipe line, and even this special outlay will not be required if the Tansa pipe should eventually be brought across to join the Tulsi line. It will be a distinct advantage not to have to utilize, except to an insignificant extent, any public road for the location of the tramway.

6. As we must have a starting point somewhere it seems to me that this point could not be better chosen than in the immediate neighbour-

hood of our present place of deposit, for (1) this is fairly central, (2) nuisance is minimized, (3) we do not wish to increase the length of bullock haulage. I think too that in this last respect even some small saving may be effected, for as at present almost all the bullock carts before meandering over the heavy ground on the Flats cross Bellasis Bridge, I would select a piece of ground near that bridge as the starting point for the tram—I mean the ground alongside the open main drain between Bellasis Road and Arthur Road where our drain pipes are now stacked. Thence the tramway could continue along the open strip of ground at the side of the open main drain as far as Clerk Road Bridge. The exact line between that point and the Tulsi pipe line, a very short distance, must be determined, but this is a matter which will not present much difficulty.

7. I think it will probably be found convenient that the carts should run along a kind of high level jetty or raised platform with hopper openings, so that the contents of the carts may be immediately shot into the tram wagons beneath. If this be so, an approach ramp will be necessary for the carts to get up to the required level. Already the carts have to mount up to the Bellasis Bridge, and are often a great obstruction there. I propose to make a high level (private) road or jetty at right angles to and leading off from the north side of the Bellasis Bridge to the west side of the B. B. & C. I. Railway, and to the east side of the open main drain. Thus the carts will not have any worse mount than at present, and to free the bridge approaches from the present obstruction as well as to give the carts a more direct route, I propose that a new approach be made at right angles to the bridge on the South side, and on the East of the B. B. & C. I. Railway to which the carts will obtain access by the public passage or *cul de sac*, which runs from the junction of Falkland and Gilder streets to the Railway boundary. Thus they will only have to cross the bridge from south to north instead of as now making use of the whole length of the approaches. I attach a tracing indicating the line which I have in mind.

8. Of course this can only be a mere sketch of my ideas on this subject. They are liable to modification upon an expression of your views and upon my obtaining the detailed information which is necessary before any well defined scheme can be formulated. As Mr. White who is now engaged in the Tansa Works has had considerable experience in railway construction, and is now superintending the Tansa pipe tram line, I propose to ask him to undertake as a special duty

during the rains, the preparation of detailed estimates for giving effect to this scheme, and I hope then to be in a practical position for asking the Corporation to deal with this important question.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

In accordance with notice of motion, it was proposed by K. M. Shroff, Esq.—

No. 746. "That the Municipal Commissioner be requested to explain to the Standing Committee the cause or causes of the unusually long delay in the final disposal of the plot of ground at the corner of Hornby Road and Gunbow Street, Fort, which is a remnant of the land, with three houses, purchased by the Municipality about four years ago and pulled down for the purpose of widening the entrance of the street."

The Commissioner informed the Committee that the land in question will be sold as soon as the necessary preliminary arrangements can be completed.

Read the following :—

No. 2711 OF 1889-90.

BOMBAY, *8th May* 1889.

To F. W. STEVENS, Esq., C.I.E.

SIR,—While considering the Resolution of the Corporation No. 276, dated 2nd instant (copy attached), the Standing Committee, at their Meeting to-day, inquired at what rate per mensem the services of Rao Saheb Sitaram can be obtained as full time clerk of the works; and I have, therefore, the honour to request that you will furnish the information required before the Meeting of the Standing Committee on Thursday, the 16th instant, or instruct Mr. Sitaram to see me on the subject.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 45.

BOMBAY, *10th May* 1889.

E. C. K. OLLIVANT, Esq., C.S., C.I.E.,
Municipal Commissioner, Bombay.

SIR,—In acknowledging your No. 2711 of the 8th instant, and accompaniment, I have the honour to forward Rao Saheb Sitaram Khanderao's reply to a reference made to him by me, in which he states the least salary per month; he is willing to accept the full time appointment of Resident Engineer, or Clerk of the works, of the new Municipal buildings.

I would suggest, as an alternative and more economical arrangement, that Mr. Sitaram be appointed on a salary of Rs. 250 per month, on the distinct understanding that he gives all time that may be necessary for the proper supervision and measurements of the new Municipal buildings, and any other work in connection therewith under my orders.—I have, &c., F. W. STEVENS, F.R.I.B.A., &c., Architect, Civil Engineer, and Surveyor.

BOMBAY, *10th May* 1889.

To F. W. STEVENS, Esq., C.I.E.,
Architect, Civil Engineer and Surveyor, Bombay.

SIR,—With reference to your endorsement No. 43 of this day, accompanied with the Municipal Commissioner's No. 2711, of the 8th

instant, I respectfully beg to state that, while preferring to abide by the terms of the original arrangement under which I was induced to leave the service of the G. I. P. Railway Company, I have already intimated to you the amount of monthly salary that I expected for full time services in connection with the construction of the new Municipal buildings, namely Rs. 500 per month.

This was, as you are aware, based on the explicit term of the original understanding. As, however, it appears that such a basis is questionable, I am willing on further consideration to undertake the work on a salary of not less than Rs. 400 per month, and trust that the Municipal Commissioner will be satisfied with this arrangement.—I beg, &c., SITARAM KHANDERAO.

No. 2992 OF 1889-90.

BOMBAY, 13*th May* 1889.

Copies forwarded to the Standing Committee, for information, with reference to their Resolution No. 314, dated 8th instant.

E. C. K. OLLIVANT, Commissioner.

On the motion of E. B. Carroll, Esq., seconded by Muncherjee N. Banajee, Esq., it was—

Resolved : "That, with reference to its Resolution No. 276, dated 2nd instant, the Corporation be informed that the Standing Committee adhere to the terms of the recommendation contained in their Resolution No. 36, dated 3rd April last, namely, the employment of a half time Resident Engineer, or clerk of the works, for the new Municipal Office building on Rs. 250 per mensem, as they consider the extra cost of having a full time officer will have no corresponding advantage and be useless.

No. 747.

"The Standing Committee, however, submit for the Corporation's decision the two alternatives, either of which will be accepted by Mr. Stevens and Mr. Sitaram Khanderao : one, that Mr. Sitaram Khanderao should be appointed full time Resident Engineer, or clerk of the works, on Rs. 400 per mensem, and the other, that he should be appointed on a salary of Rs. 250 a month, on the distinct understanding that he gives all time that may be necessary for the proper supervision and measurements of the building and any other work in connection therewith under the orders of the architect."

Considered the following letter, No. 381, dated 7th instant, to the Commissioner, as follows :—

SIR,—I have the honour to forward, for transmission to the Standing Committee, a quarterly return for the quarter ending 31st March 1889, as compared with the corresponding quarter for the previous year, exclusive of adjustments as required by the then Town Council's Resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter. I have already

reported in my No. 3135, dated 21st January 1889, that the surplus cash balance, together with all further estimated surplus receipts, has been appropriated in the Budget for the current year. I am unable to state, until the accounts of the past year are finally closed, what further surplus that has accrued since the date of my above letter will amount to after meeting the subsequently sanctioned additional grants.—I have, &c.,

SORABJI NAVAROJI COOPER, Chief Accountant.

Memorandum No. 2748, dated 9th instant, as follows:—

Forwarded to the Standing Committee for information.

E. C. K. OLLIVANT, Commissioner.

LIST of Additional Grants sanctioned by the Corporation during the quarter ending 31st March 1889.

Resolution No.	Date.		Amount.
	1889		Rs. a. p.
5890	February 4	Grant of Rs. 3,272-7-6 from surplus cash balance to meet the proportionate cost of filling in with materials excavated from Drainage Works, the portion of tank at the Victoria Gardens which was sold to the Rev. E. W. Clutterbuck, as the site for a Chapel	3,272 7 6
5910	„ 4	The payment of advances from surplus cash balances to the amount of Rs. 20,000 to provide for the cost of constructing the additional catch-water channels at Tulsi, sanctioned by the Corporation on 7th January 1889, the advances to be adjusted by debit to loan charges as soon as the necessary sanction to the raising of the loan is received from the Government of India	20,000 0 0
7029	March 4	Grant of Rs. 3,400 from surplus cash balance to meet the excess expenditure over the Budget grant caused by the larger ration given to the meat-van bullocks as the bullocks continually fall sick on account of the increased loads in the vans consequent on the large quantity of meat brought to Bombay	3,400 0 0
7168	„ 20	Grant of Rs. 11,000 from surplus cash balance to meet excess in the grant for commission to Port Trust, Town Duty collection, current year's Budget	11,000 0 0
7172	„ 20	Grant of Rs. 1,500 (further expenditure) to provide new standard measures as per list in lieu of those received from the Commissioner of Police and returned to him as they were pronounced quite useless for the purpose of verification	1,500 0
7176	„ 20	Grant of Rs. 6,000 from surplus cash balance to meet the expenses of the general elections, *i.e.*, advertising, printing and stationery, Rs. 3,000, stores, labour, erection of polling booths, &c., Rs. 1,900, allowances to polling officers Rs. 800..	6,000 0 0
7177	„ 20	Grant of Rs. 4,000 from surplus cash balance to meet excess over Budget grant for the last year for cost of advertising, printing and stationery, Corporation and Standing Committee Establishment	4,000 0 0
		Total ...	49,172 7 6

ACCOUNT OF THE BOMBAY MUNICIPALITY

As contrasted with that for the

RECEIPTS.	Budget Estimate.	Quarter ending 31st March 1888.	Quarter ending 31st March 1889.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Opening Balance	5,43,000 0 0	3,55,529 14 9	1,88,424 6 3	
Consolidated Rate	14,27,000 0 0	1,68,407 5 7	2,27,748 11 7	
Water Works Revenue (including water rate) ...	8,82,700 0 0	1,58,191 9 6	2,09,604 3 9	
Conveyance Licenses ...	4,200 0 0	.....	.....	
„ Wheel Tax ...	3,06,000 0 0	67,982 6 0	69,564 0 0	
„ Tolls Fees ...	15,800 0 0	3,693 0 0	3,538 10 0	
Halalkhor Cess	3,71,000 0 0	68,782 11 9	88,251 7 5	
Duties, Town...	7,89,000 0 0	3,61,075 12 9	2,23,330 3 2	
„ Tobacco	1,80,000 0 0	55,305 2 3	57,579 2 2	
„ Liquor Licenses ...	1,43,750 0 0	.....	.....	
Market Receipts	2,70,600 0 0	71,375 0 11	78,973 4 5	
Miscellaneous Fees	81,000 0 0	28,690 12 7	21,523 11 0	
„ Receipts ...	78,600 0 0	29,439 13 8	26,432 2 3	
„ Fines... ...	8,600 0 0	2,829 0 2	† 603 10 1	
„ Savings ...	3,000 0 0	2,466 6 5	1,352 5 9	
Public Gardens	8,000 0 0	2,035 0 8	1,344 6 8	
Fire Insurance Companies...	32,000 0 0	892 0 0	.....	
Contribution from Municipal servants towards Pension, &c., Fund	10,000 0 0	3,036 4 0	3,476 7 9	
Sale proceeds of Government Paper forfeited by Contractors	.....	689 11 3	.....	
Tramway Rent	35,500 0 0	.....	.....	
Interest on Investment ...	.....	565 12 7	96,755 14 9	
	46,46,750 0 0	10,25,457 14 1	11,08,871 0 7	
Debt	.....	.....	1,48,500 0 0	
Workshops	.....	38,954 0 11	11,927 8 6	
Bank of Bombay Loan and other Deposit Accounts ...	.....	10,68,906 13 0	25,01,582 9 2	
Advances	.....	7,22,776 10 4	4,12,694 0 11	
Deposits	.....	4,60,901 3 3	2,68,184 13 5	
Rupees ...	46,46,750 0 0	33,16,996 9 7	44,51,760 0 7	
Total Rupees...	51,89,750 0 0	36,72,526 8 4	46,40,184 6 10	

FOR THE QUARTER ENDING 31ST MARCH 1889.

Quarter ending 31st March 1888, exclusive of adjustments.

	Budget Estimate.	Quarter ending 31st March 1888.	Quarter ending 31st March 1889.	TOTAL.
DISBURSEMENTS	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Superintendence	1,70,177 0 0	47,829 0 9	45,187 12 5	
Assessment and Collection Department	1,98,081 0 0	59,445 7 3	51,602 6 3	
General Police (including Police Hospital)	2,61,352 0 0	65,337 1 9	64,587 1 9	
Fire Brigade...	1,16,087 0 0	16,855 15 8	51,175 15 4	
Health Department... ...	11,57,351 0 0	3,02,860 0 9	2,82,721 0 7	
Public Works. Establishment... ...	1,14,916 0 0	29,056 13 4	30,446 4 9	
Lighting	3,05,004 0 0	75,151 14 11	75,761 12 1	
Watering	86,463 0 0	24,467 3 4	32,807 12 4	
Repairs, Roads... ...	4,52,496 0 0	1,25,774 0 0	1,52,524 4 5	
Cleaning, Lighting and Repairing Port Trust Wharves	25,000 0 0	.....	740 0 0	
Repairs, Buildings ...	6,000 0 0	5,023 9 4	6,032 5 0	
Improvement of Streets	1,00,000 0 0	10,985 14 9	11,133 0 1	
Water Works	1,61,400 0 0	‡ 11,30,292 13 1	‡ 2,47,722 15 0	
Drainage	99,852 0 0	22,589 7 4	32,516 14 7	
Public Gardens ...	63,200 0 0	8,871 1 9	9,467 3 6	
New Works and Reserve Funds, &c....	1,00,000 0 0	35,470 10 6	1,08,782 12 10	
Miscellaneous (including Contributions to Hospitals, &c.)	97,408 0 0	22,304 2 4	33,096 0 11	
Education (including Veterinary College, &c., Contribution)	50,398 0 0	28,212 15 9	20,639 8 5	
Debt	14,85,000 0 0	4,12,747 10 6	4,39,285 5 10	
	50,50,185 0 0	24,23,275 15 1	16,96,230 8 1	
Workshops	.....	23,432 6 10	22,489 6 1	
Profit and Loss on account of stores	.....	300 0 0	.....	
Loan Works	.....	2,23,807 9 11	4,01,811 2 5	
Bank of Bombay Loan and other Deposit Accounts ...	.....	3,42,020 10 6	18,34,413 5 11	
Advances	.....	1,77,984 11 6	4,82,085 12 4	
Deposits	.....	3,56,915 4 6	1,42,066 2 6	
Rupees...	50,50,185 0 0	35,47,736 10 4	45,79,096 5 4	
Closing Balance	1,39,565 0 0	1,24,789 14 0	61,088 1 6	
Total Rupees...	51,89,750 0 0	36,72,526 8 4	46,40,184 6 10	

† Debits deducted.

‡ Includes Rs. 10,57,674-1-2 and Rs. 9,99,048-12-2 paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works executed out of Loan Funds.

Resolved : " That the return for the quarter ending 31st March 1889, showing the income and expenditure for the quarter as compared with the corresponding quarter for the previous year, together with a list of the additional grants sanctioned by the Corporation during the quarter ending 31st March 1889, forwarding with the Commissioner's memorandum No. 2748, dated 8th instant, be *recorded.*"

No. 748.

Considered again letter, dated 20th March 1889, from Messrs. D'Souza and Peter Crasto, complaining of the condition of cesspool in Matharpakadi.

Read memorandum No. 2791, dated 8th instant, from the Commissioner, reporting as follows :—

Letter No. 22029, dated 26th March 1889, to the Health Officer, from the Commissioner, as follows:—

If in this case it is desirable in the opinion of the Health Officer that the party should take action under Section 237, he should be so informed, and upon an application from him the necessary action will follow. If the present cesspool is not " suitable " action should be taken under Section 232, and in any case it is not right that we should shut our eyes to a nuisance which appears to be admitted.

E. C. K. OLLIVANT, Commissioner.

Memorandum No. 2668, dated 4th May, to the Commissioner as follows :—

Returned to the Commissioner with copy of the letter which has been addressed to the owner of the objectionable cesspool. I am perfectly aware of the nuisance and annoyance caused by the overflowing cesspools, not only in Matharpakady, but in other districts of the city without a system of sewerage, but the difficulty is how to deal effectively with such cases ; the nuisance could of course be kept down at the public cost, by the employment of an enormous extra establishment of cesspool carts, bullocks and halalkhors. This establishment, however, does not exist, and the Health Department can only endeavour to keep down nuisances as much as possible with the limited establishment existing. In the present instance if Mr. Almeida does not choose to make the application required by Section 237, that is, if he does not choose to go to expense, and the complainants say in their petition to the Standing Committee of 25th February 1889, that he would not consent to petition " at his cost " so as to remove the nuisance complained of, I do not see how we can compel him to do so. and more so, as it has been decided by the Commissioner and public intimation given under Section 369 that the Municipality is to clean and empty all cesspools.

The alternative is for the Municipality to lay a drain in the locality and then the owners of all cesspools can be forced to make connections from their houses.

Complaints regarding cesspools are frequent, and it is impossible for us to prevent them. There is such free use made of the water-supply and such gross waste of water that cesspools must overflow of necessity.

I can only earnestly urge the necessity of completing the drainage system throughout the city and the speedy completion of the Queen's Road and Girgam Works, so that the cesspool carts employed there may be set free for service in other parts of the city.

T. S. WEIR, Health Officer.

Letter No. 2615, dated 1st May 1889, to J. J. D. Almeida, Esq., Matharpakadi, as follows :—

SIR,—As you are aware the large cesspool attached to your house at Matharpakady is the cause of much complaint from the residents of the locality, and that steps have been taken by this Department to have it abolished and the drainage of your property led by a drain into the drain of a neighbour Mr. Gonsalvez. The suggestions, however, have been of no avail, and the cause of complaint remains. I am now desired by the Commissioner to inform you, that you should submit an application in terms of Section 237 of the Municipal Act, asking for authority to drain your premises into the drain above referred to and upon receipt of this application the Commissioner after taking the steps in the matter necessary by law, will pass the orders empowering you to make the necessary connection.—I have, &c., T. S. WEIR, Health Officer.

Ordered : Applicants should be informed that if Mr. Almeida applies to the Commissioner Mr. Almeida will be advised how his premises may be drained into the drain of his neighbour under the terms of Section 237 of the Municipal Act.

No. 749.

Resolved : That the following be *recorded* :—Letter No. 2788, dated 10th instant, from the Commissioner, stating with reference to the Standing Committee's Resolution No. 7110, dated 13th March 1889, that the Arthur Road Epidemic Hospital is ready for use, and has been for some time past actually in use as a shelter for the Kathiawar vagrants. The Health Officer, however, suggests further additions and improvements which are estimated to cost about Rs. 37,000.

No. 750.

Resolved : That, as applied for by the Commissioner in his memorandum No. 3127, dated 15th instant, sanction be given to the cutting off of water connections as per list forwarded with said memorandum.

No. 751.

Resolved : "That the Corporation be recommended to sanction the lighting with gas, at an annual cost of Rs. 3,280, of Fort Street, Goa Street Karwar Street, Kumta Street, Mangalore Street, Kalikat Street, Cochin Street and Ballard Road, recently taken over from the Port Trust, the gas mains being laid in these streets at the cost of the Bombay Gas Company, and the Municipality undertaking to pay the cost of the said mains in the

No. 752.

event of the lighting of the streets being discontinued after the termination of the gas contract in June 1890.

"That the Corporation be also recommended to sanction the expenditure of Rs. 1845, from surplus cash balance, to meet the cost (1) of 41 lamps at Rs. 45 per lamp and (2) of the charges for lighting such lamps at Rs. 80 per lamp per annum during the current year."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 12th May 1889.*

Read and *recorded* memoranda Nos. 2661 and 2874, dated 8th and 11th instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of Property destroyed.	Name of Owner.	Estimated Damage.	Cause of Fire.
1889.					
May 5th at 6-15 p.m.	Victoria Road	Some paper wrappers ..	Sassoon Silk Mill.	Rs. 200	Spontaneous combustion.
May 8th at 1 p.m.	Grant Road.	A quantity of kerosine oil and screen.	Ameerji Alibux.	Rs. 100	Upsetting and explosion of a kerosine oil lamp.

BOMBAY, *22nd May* 1889.

AT the Meeting of the Standing Committee held this day, there were present :

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

On the motion of Thomas Blaney, Esq., seconded by K. M. Shroff, Esq., Major H. O. Selby was voted to the chair.

The minutes of the Meeting held on the 16th instant, were signed.

Resolved : "That, as recommended by the Commissioner in his memorandum No. 3062, dated 14th instant, sanction be given, under Section 351

No. 1014.

* *See* Appendix B.

(2) of the Municipal Act III. of 1888, to the removal of the undermentioned structure, built without permission.

Name of Owner.	Where.
Mr. Abdul Sakar ...	... Building at Nos. 1-7 at the junction of New Bengalpura and New Memonwada Streets."

Read memorandum No. 3663, dated this day, from the Commissioner, asking the assent of the Standing Committee to his disapproving of the erection of a building by Bai Gouribai on a site close to the G. I. P. Railway Station at Matunga, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down, or determined.

Proposed by E. B. Carroll, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 1015. "That, under the circumstances mentioned in the Acting Executive Engineer's letter No. 2895, dated 21st instant, and as applied for by the Commissioner in his memorandum No. 3663, dated this day, the Standing Committee assent to the Commissioner's disapproving under the terms of Section 348 (*b*) of the Municipal Act III. of 1888, of the erection of a building by Bai Gouribai, daughter of Mr. Dadu Ranu, on a site close to the G. I. P. Railway Station at Matunga, shown on the tracing marked A, dated this day, as the direction and position of the streets likely to be required in the future in the said locality have not yet been laid down, or determined.

"That, in the opinion of the Standing Committee, the lines of new roads in this locality should be laid down at the earliest date possible."

Carried.

No. 1016. *Resolved*: "That the following be *recorded*:—Memorandum No. 3051, dated 14th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,50,000, from the Tansa Loan deposit account No. 1 to the Municipal General Fund pass book, on the 6th and 9th instant."

The seal of the Corporation was affixed to deeds of conveyance—

No. 1017. From Mr. Khatao Natha, of ground taken up for the improvement line of Borah Bazar Street.

No. 1018. From Bai Motlibai, widow of Manockji Nowroji Wadia, of ground taken up for the improvement line of Oak Lane.

The seal was affixed to deeds of contract—

No. 1019. With Mr. Ardasir Framjee, for the construction of Fire Brigade station at the junction of Parel Road and Chinchpokli.

No. 1020. With Messrs. Vishnu Narsingrao & Co., for the supply, during 1889-90, of sandstone, shingle, sand and shells.

No. 1021. With Mr. Sitaram Luxumon, for the supply, during 1889-90, of road metal.

No. 1022. With Mr. Jungum Dhurmaji, for the supply of kerosine lighting during 1889-90.

Read letter, dated 15th instant, to the Municipal Secretary as follows :—

SIR,—As required by the provision of Section 137 (1) of the new Municipal Act, we beg to report for the information of the Standing Committee, that in the course of our audit we observed, on the 13th instant, that the full annual grant Rs. 6,150 sanctioned by the Corporation in their Resolution No. 214 of 25th April 1889, has been handed over to the Bank of Bombay on the 11th idem, to be credited to a separate account and to be operated upon by the Joint Schools' Committee. As this is a departure from the ordinary practice and does not seem to be contemplated by Section 39 (6) and (7) of the new Municipal Act, we request formal sanction from the Standing Committee to pass this charge.—We have, &c., ARDASEER FRAMJEE MOOS, NANABHAI R. RANINA, Municipal Auditors.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Thomas Blaney, Esq.—

No. 1023. "That, with reference to their letter, dated 15th instant, the Auditors be instructed to pass the payment made by the Commissioner to the Joint Schools' Committee of Rs. 6,150, being the full amount of the annual grant for their establishment made by the Corporation under the terms of Section 39 (6) of the Municipal Act.

"That the accounts of the Joint Schools' Committee for the expenditure of the above grant, be audited by

the Auditors in the same way that the accounts of all establishments under the Commissioner are audited, the Joint Schools' Committee keeping and furnishing monthly, or as may be otherwise required, a tabulated statement showing the expenditure to date under each head of the grant, in the same way that tabulated statements are kept by the Chief Accountant of the expenditure, or other branches of the Municipality."

Carried.

Considered again letter No. 2642, dated 8th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—With reference to previous proceedings relative to the works considered more or less necessary at the Malabar Hill and Bhandarwada Reservoirs, viewed also in regard to future arrangements for the distribution of Tansa water, I have the honour to forward a memorandum shewing what, in my opinion, after consultation with Mr. Clerke and Mr. Tomlinson, should be immediately undertaken.

The works immediately recommended will cost one lakh : the further works for which it is proposed to prepare detailed plans and estimates will, including additional storage for Tansa, cost approximately 11¾ lakhs.

I should add that, if it is considered desirable to provide at the two reservoirs such extended filtering accommodation as will suffice for the filtration of the whole supply brought in by the Vehar 32″ and Tulsi 24″ mains, the same considerations will establish a case for extending the filter beds at Vehar to an area sufficient for the filtration of the whole supply brought in by the Vehar 24″ main, and this extension will cost, approximately, at Sir John Fowler's rates, 4½ lakhs.

It will be remembered that at present the filtering accommodation in the three places suffices for

⅔	of the	Vehar 32″	supply.
¼	,,	Vehar 24″	,,
⅛	,,	Tulsi 24″	,,

I have, &c, E. C. K. OLLIVANT, Commissioner.

Malabar Hill Reservoir.—We agree that, during the next working season, the repairs to the floor and walls of the settling tank, as recommended by Sir J. Fowler, should be executed at a cost of Rs. 75,000.

That no new filter beds should be erected over the existing reservoir.

That the walls of the distributing basin should be pointed at a cost of Rs. 1,630, as recommended by Sir J. Fowler, as soon as the settling tank work is completed ; and that cushions be provided for the outlets of the filters at a cost of Rs. 9,800 to prevent further damage to the floor of the distributing reservoir.

That no further anti-leakage work be undertaken during the next working season or until the result of these works is satisfactorily ascertained.

That the minor improvements estimated at Rs. 11,500 be also undertaken during the ensuing season, and that the necessary particulars be obtained by Mr. Tomlinson whilst in England.

That detailed drawings and estimates be prepared for such an extension of the Malabar Hill Reservoir as with the other reservoir accommodation in the city, will suffice to store at least a full two days' supply from all sources, including Tansa, and that these drawings and estimates include provisions for filtering at Malabar Hill the balance of the present Tulsi supply, the whole of this being approximately estimated at 10 lakhs.

That no work be carried out at the reservoir inconsistent with the use of the reservoir for receiving and storing Tansa water, inasmuch as we are of opinion that this must be regarded as the principal Tansa Reservoir.

Bhandarwada Reservoir.—We agree that any works which it may be desirable to undertake in connection with this reservoir can be carried out independently of any considerations affecting the delivery of the Tansa supply, and that, although part of the Tansa scheme will be to make a junction with the present supply main to Bhandarwada, so that upon any occasion Tansa water can be poured into this reservoir, still, that it should ordinarily be regarded as a Vehar Reservoir and fed exclusively by the Vehar 32″ main as at present.

That having regard to the recommendation made by Sir J. Fowler in paragraph 27 of his report, no special anti-leakage works be undertaken until the result of those advised for the settling basin at the Malabar Hill Reservoir has been ascertained.

That detailed drawings and estimates be prepared as soon as possible for the extension of filter bed accommodation sufficient for the filtration of the balance of water brought in by the 32″ main, this work being roughly estimated to cost Rs. 1,75,000. It may be noted that this work will involve the partial reconstruction and complete re-pointing of the topmost 8 feet of the storage basin, from which the chief leakage now takes place.

E. C. K. OLLIVANT, Commissioner.

W. CLERKE, Executive Engineer, Tansa Water Works.

S. TOMLINSON, Depy. Exec. Engr., in charge Water Works.

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 1024. "That the Corporation be recommended to sanction the payment of an advance, from current revenue of one lakh of rupees, pending the raising of a loan required to meet the necessary capital charges, to provide for the execution of the following works at

Malabar Hill Reservoir recommended by Sir John Fowler :—

For providing an asphalt or concrete surface to the floor of the settling basin	Rs.	75,000
Provision of turbine, overflow and sludge pipes.....	„	11,500
Cushions for outlet of filters	„	9,800
Repointing walls of Distributing basin.....	„	1,630
Total...	Rs.	97,930"

Carried.

No. 1025. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 3126, dated 15th instant, sanction be given, under Section 172 of the Municipal Act III. of 1888, to the charging of Rs. 17-4-0 per mensem from 1st April 1889, for special Halalkhor service to Messrs. Kurim Peerbhoy and Bundeath Sonji, contractors for building the Baladina Mills, at Purbhadevi Road."

No. 1026. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 3370, dated 17th instant, sanction be given to the transfer of Rs. 20 per mensem, till the completion of the works, from savings in the grant for the salary of Inspector on Rs. 60 per mensem for the supervision of storm-water drain, Bellasis Road, to the grant for the salary of Inspector on Rs. 80 per mensem for the storm-water drain, Parel Road, to meet the difference of salary of Inspector on Rs. 100 per mensem appointed from 1st March last, to supervise the above two works."

No. 1027. It was agreed that the consideration of the following be postponed, and that the same be put in first in the agenda paper for the next meeting:—Letter No. 3176, dated 15th instant, from the Commissioner, forwarding copy of letter No. 3175-76 of 1889-90 addressed by him to the Health Officer and the Executive Engineer relative to the disposal of town sweepings, &c.

On the motion of Cowasjee Hormusjee, Esq., seconded by Kaikhosro N. Kabraji, Esq., it was—

No. 1028. *Resolved* : "That the following be referred to the Commissioner for favour of remarks:—Letter

dated 20th instant, from Mr. R. W. Dewey, stating that the condition of Love Lane is very insanitary, and praying that steps may be taken in the matter."

Resolved : "That the following be referred to the Commissioner for favour of opinion:—Resolution of the Corporation, No. 931, dated 20th instant, as follows :—

No. 1029. "That the Standing Committee be asked to report whether the return of all Budget transfers under Section 133 of the Act made by them, can be presented to the Corporation in the following form :—

*Statement of Budget Transfers sanctioned by the Standing Committee up to*_____ *under Section* 133 *of the City of Bombay Municipal Act* III. *of* 1888.

TRANSFER FROM							TRANSFER TO						
Department.	Head and sub-heads.	Budgetted Amount for the year.	Amount expended to date.	Savings to date.	Total Savings to date.	Reasons of Savings.	Department.	Head and sub-heads.	Budgetted Amount for the year.	Amount expended to date.	Excess over Budgetted Amount to date.	Total Excess over Budgetted Amount to date.	Reasons of Excess Expenditure.

Read resolution of the Corporation, No. 926, dated 20th May 1889, as follows :—

"That the matter of the closing of the well at Gun Carriage Lane, Colaba, be referred to the Standing Committee for favor of their opinion."

Proposed by Cowasjee Hormusjee, Esq., seconded by by K. M. Shroff, Esq., and *carried*—

No. 1030. "That, with reference to its resolution No. 926, dated 20th May instant, the Corporation be informed that, in the opinion of the Standing Committee, the well at Gun Carriage Lane, Colaba, should not be closed."

No. 1031. With reference to the question of the provision of Police stations and chowkies, and of providing a chowki at Byculla in place of the one removed

in connection with the construction of Sankli Tank Road, a draft resolution was placed before the Meeting, and after discussion, it was agreed that the same be printed and circulated and brought on for discussion at next Meeting.

No. 1032. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 3611, dated 22nd instant, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 19th May 1889.*

On the proposal of Thomas Blaney, Esq., it was agreed—

No. 1033. " That the Commissioner be requested to have an additional column added to the water returns showing the height of water on the gauge."

Read and *recorded* memorandum No. 3598, dated 21st instant, from the Commissioner, forwarding return of fires as required under Section 346 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of owner.	Estimated damage.	Cause of fire.
1889.				Rs.	
May 11th at 5 a.m.	Kamathipura 9th Street.	Bedding	Ameena (woman).	4	Careless use of fire whilst smoking.
May 13th at 1 p.m.	Nasik Road ..	A cudjan hut	Mr. Babaji Moroba.	70	Unknown.
May 17th at 4-15 p.m.	Chinchpokli..	Cotton	Anglo-India Mills.	Unknown ..	While opening a fresh bale of cotton the implement used came in contact with one of the iron bands of the bale which caused a spark that ignited the cotton lying about on the floor.

No. 1034. *Resolved* : " That, as recommended by the Commissioner, sanction be given to the payment to Mr. Tomlinson, Deputy Executive Engineer,

* *See* Appendix B.

proceeding on privilege leave, of his pay up to the day of his departure and to the payment to him through the Municipal agents in London, Messrs. Coutts & Co., of such amount of pay as may be due to him up to the date of his presenting a life certificate to such agents, and that the necessary advance be made to Messrs. Coutts & Co."

No. 1035. *Resolved* : "That sanction be given to the acceptance by the Commissioner, as applied for in his letter No. 3666 of this day's date, of Messrs. Moosabhoy Adamjee's tender, the lowest of two tenders received, for the supply of stationery and drawing materials during the current year at schedule rates."

No. 1036. *Resolved* : "That, as applied for by the Commissioner in his letter No. 3667, dated this day, sanction be given to the transfer of Rs. 691, from savings in Section I, superior staff, salary of Assistant Engineer, and Section I, B, Inspection and Waste Prevention, Engineer's Budget, to Section I, superior staff, as above, to meet the pay of an Officiating Engineer until the return of Mr. Walton."

Read letter No. 3659, dated 22nd instant, from the Commissioner, asking sanction to his acquiring land required for the proposed road through Nowrojee Hill under the Land Acquisition Act as there seems no prospect of the negotiations for the acquisition of the same by private purchase being successful.

On the motion of Thomas Blaney, Esq., seconded by E. B. Carroll, Esq., it was—

No. 1037. *Resolved* : "That sanction be given, under Section 91 of the Municipal Act, to the Commissioner's applying to Government to obtain for the Corporation, under the Land Aquisition Act, the ground required for the proposed road through Nowroji Hill."

The consideration of a reference from the Commissioner, as to the drawing up of the contract with Mr. Stevens for his services in connection with the building of the new Municipal Office, was postponed till next week.

BOMBAY, *29th May* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; and MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

On the motion of Thomas Blaney, Esq., seconded by Cowasjee Hormusjee, Esq., Major Selby was voted to the chair.

The signing of the minutes of the Meeting held on the 22nd instant, was postponed.

Considered again letter No. 3176, dated 15th instant, from the Commissioner, forwarding copy of letters Nos. 3175-76 of 1889-90, addressed by him to the Health Officer and the Executive Engineer, relative to the disposal of town sweepings, &c.*

Proposed by E. B. Carroll, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 1090. "That the Commissioner be authorised to incur an expenditure not exceeding Rs. 1,200, to make the surveys and prepare detailed estimates for a scheme or schemes for the removal of town sweepings.

"That the Commissioner be authorized to apply to Government for a reservation of the (tidal) waste lands bordering on the Tanna Creek."

Amendment, moved by Cowasjee Hormusjee, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

"That the Commissioner be requested to prepare and place before the Standing Committee a complete scheme for the removal or disposal of town sweepings, accompanied, with full detailed estimates of the cost of such a scheme, and that in the meantime he be authorized to acquire from Government all the available tidal land for the purpose."

On a division, there were 3 votes *for* and 4 *against* the amendment, which was *lost*. The original motion was therefore *carried*.

No. 1091. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 3933, dated 28th instant, sanction be given under Section 351 (2) of the

* *See* Proceedings of the Standing Committee of the 16th May 1889.

Municipal Act III. of 1888, to the removal of the following structure, built without permission :—

Name of Owner.	Where.
Mr. Moorji Nanji	... Building at Nos. 61-63, Dhobi Street.

Read memorandum No. 3934, dated 28th instant, from the Commissioner, asking sanction, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structure, built without permission. From the papers it appeared that due notice was given to the person concerned :—

Name of Owner.	Where.
Mr. Shivdas Purmanandass...	Building at Nos. 182-186, Kika Street."

Read also letter, dated 27th idem, from Mr. Shivdas Purmanandas, objecting to the removal of structure built on the otla of his house Nos. 182-186, Kika Street.

No. 1092. *Resolved* : " That the petitioner be informed that he has not complied with the provisions of Section 338 of the Municipal Act in not sending in a plan of the new addition he has made to his house, and that the further consideration of the matter be postponed."

No. 1093. The seal of the Corporation was affixed to deed of contract, with Mr. Nowroji Jehangirji Gamadia, for the supply of good hill earth during the year 1889-90, for covering town sweepings deposit at the rate of Rs. 2 per brass of 100 cubic feet.

The consideration of the terms of contract with Mr. F. W. Stevens for his services as architect for the new Municipal Office building, was postponed till next week.

No. 1094. *Resolved* : " That the following be *recorded* :—Letters No. 3935 and 3936, dated 28th instant, from the Commissioner, reporting, as required by Section 69 (*d*) of the Municipal Act III. of 1888, that he has sanctioned the purchase (1) from the Waste Water Company, Limited, Liverpool, through their Agents, Messrs. John Fleming & Co., of 7,000 meter diagrams at a cost of Rs. 750, and (2) from Messrs. Richardson and Cruddas, of spare parts of meters as per list accompanying the Commissioner's letter No. 3936 of 1889-90, at a cost of Rs. 2,983-8-0. The charges to be debited to the advance of one lakh sanctioned by the Corporation on the 20th May 1889, for the purchase of stores for Water Works."

The further consideration of correspondence on the subject of the provision of Police stations and chowkies and of providing a chowkey at Byculla in place of the one removed in connection with the construction of Sankli Tank Road, was postponed till next week.

It was agreed that the following be forwarded to the Commissioner for remarks:—Memorandum No. 1047, dated 25th instant, from the Municipal Secretary, forwarding letter, dated 20th idem, to the President and Members of the Corporation, from Mr. Byramjee Dadabhoy Banajee, complaining of the want of drainage at Colaba Causeway and asking that the locality may be drained.

No. 1095.

Read petition, dated 22nd May 1889, from the late Mukadum, A Ward, Engineer's Department, praying that he may be allowed either pension or gratuity in consideration of his long service of 20 years in the Municipality.

Resolved: "That, in reply to his petition, dated 22nd instant, Mr. Rastamjee Nasserwanjee be informed that the Standing Committee have no power under the Municipal Pension Rules to comply with his request."

No. 1096.

On the motion of Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq., it was—

Resolved: "That the following be referred to the Commissioner for consideration in connection with the preparation of the schedule of Municipal officers and servants:—(1.) Letter No. 15435, dated 21st November 1888, from the then Acting Commissioner, submitting for consideration certain remarks on the question of conveyance allowances entered in the Budget Estimates for 1889-90, and (2) letter No. 15439, dated 21st idem, from ditto, forwarding return showing travelling allowances paid to Muncipal Officers and servants during 1887-88, and suggesting the scale of such allowances."

No. 1097.

Considered Progress Reports, up to the end of April 1889, of new works now in course of construction.*

Resolved: "That the Progress Reports, up to the end of April 1889, of new works now in course of construction, be *recorded*."

No. 1098.

* See Appendix C.

Resolved: "That, as applied for by the Commissioner, in his memorandum No. 4010, dated this day, sanction be given to the cutting off of water connections as per list forwarded with the said memorandum."

No. 1099.

In accordance with notice of motion, it was—

Proposed by K. M. Shroff, Esq.—

"That the Commissioner be requested to furnish information on the following :—

'The contractor for the new Municipal Offices has occupied a large plot of ground in addition to that sold by Government for erecting the building, where he has put sand, chuman, stone and other building materials.'

"That Government intends to charge a monthly rent of Rs. 250 for this additional spot.

"As the building work is likely to extend over a period of 42 months, the amount of the total rent will be Rs. 10,500.

"Is the contractor to pay it, or the Municipality?

"If the latter has to pay the rent, whether the amount is calculated in the cost of the building."

On the motion of Thomas Blaney, Esq., it was agreed that, as the Commissioner explains that negotiations are proceeding, the consideration of Mr. Shroff's question be postponed.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 26th May 1889.*

BOMBAY, *5th June* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the meetings held on the 22nd and 29th ultimo, were signed.

Resolved: "That the following be *recorded* :—Memorandum No. 3931, dated 28th May 1889, from the Commissioner, reporting, with reference to

No. 1128.

* *See* Appendix B.

the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000 from the Tansa Loan deposit account No. 1 to the Municipal General Fund pass book on the 22nd May 1889."

Resolved: "That the following be referred to the Commissioner in continuation of the Standing Committee's Resolution No. 1092, dated 29th ultimo:—Letter, dated 4th instant, from Mr. Shivdas Purmanandas, submitting plan of the additions made by him to his house at No. 182, Kika Street."

No. 1129.

Read letter No. 4449, dated 5th instant, from the Commissioner, to the Municipal Secretary, as follows:—

SIR,—I have the honour to suggest, for the consideration of the Standing Committee, that the Corporation be recommended to acquire from Government the whole of the triangular piece of ground immediately to the south of the Crawford Market. There is little doubt that the market will require extension, and if the land is not acquired now, the opportunity will be lost. The proximity of workshops and of the new Municipal Offices make this a valuable site for Municipal purposes, and I know of no better place for locating the head-quarters of the Fire Brigade, especially as the new head-quarters of the Police will be immediately opposite. It would in any case be necessary to provide without delay, a place for the Fort Fire Station, as the present hired quarters will shortly be vacated, but this will be unnecessary as far as the northern portion of the Fort is concerned, if the head-quarters are established where I suggest. Government have been approached more than once on the subject, but hitherto been unwilling to part with this land. I am happy to say, however, that they have now consented to convey the site to the Corporation in a 999 years' lease at the rate of Rs. 50 per square yard, and a ground rent of one anna per square yard per annum. The condition of this grant, however, is that the portion now unoccupied be taken up within the year. The unoccupied portion is 4,912 square yards, and the remainder (except 212 square yards on which stands a public latrine) is occupied by Warrant Officers' quarters which it is intended to remove. When they are removed, the remaining area, *viz.* 3,903 square yards, can be acquired on the same terms.

I am convinced that the acquisition will be a very advantageous one for the Corporation, especially if there be a continuation of the market-shops along the frontage.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji Bhawanidas Barbhaya, Esq.—

"That a Sub-Committee be appointed to enquire into and report on the proposal for the taking up from Government of the whole of the triangular piece of ground immediately to the south of the Craw-

No. 1130.

ford Markets, admeasuring 9,027 square yards, at present partly occupied by the quarters of Warrant Officers, &c., the land being required for the erection of Fire Brigade station for Fort District (and head-quarters), and for the extension of the markets.

"That the Committee consist of Mr. E. B. Carroll, Major H. O. Selby, Mr. Muncherjee Nowrojee Banajee, Mr. Fazulbhoy Visram and Mr. Thomas Blaney."

Carried nem. dis.

No. 1131. The seal of the Corporation was affixed to deed of conveyance from Mr. Rutnaji Hiraji for the improvement of Umerkhari Road.

No. 1132. The seal was affixed to deed of contract with Mr. Dorabji Hosangji for the removal of offal, stable refuse and sweepings from the Slaughter Houses at Bandora.

Read the following :—

P. W. DEPARTMENT,

No. 117-R OF 1889. BOMBAY CASTLE, 27*th May* 1889.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I am directed with reference to correspondence ending with your No. 410, dated 6th April 1889, to state that Government are not prepared to lease land in Bombay to private individuals for use as a cemetery, and as it appears (your No. 21151, dated 9th March 1889), that the existing places for the disposal of the dead are insufficient, it rests with you, with the sanction of the Corporation, to provide a fresh cemetery under Section 436 of the Act.

2. I am to add that on further consideration, having regard to the purpose to which the site is to be put, Government are prepared to convey it to the Corporation for the purposes of a cemetery on payment at the rate of 6 annas per square yard, instead of granting a lease reserving an annual rent. The expenses of the deed which will be prepared by the Solicitor to Government, would be charged to the Municipality.—I have, &c., WALTER C. HUGHES, Secretary to Government.

No. 4347 OF 1889-90.

BOMBAY, 4*th June* 1889.

Copy forwarded to the Municipal Secretary with a request that this may be laid before the Standing Committee, with reference to the Resolution of the Corporation, No. 7196, dated 25th March 1889.—E. C. K. OLLIVANT, Commissioner.

Proposed by Major Selby, seconded by Cowasjee Hormusjee, Esq.—

No. 1133. "That the Commissioner be informed, the Corporation having had the facts before them and not having decided (Section 436) that the existing places for the disposal of dead are insufficient, the Standing

Committee do not consider it the duty of any Municipal authority to interfere in the matter."

Carried.

The consideration of the following was postponed till next meeting :—Letter No. 4123, dated 31st May 1889, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 7164, dated 20th March last, that, as Mr. Walton prefers that the six months' extension of leave granted to him may be counted as furlough, 15 months' sick leave already granted to him may be converted into furlough.

Resolved : " That the following be *recorded* :—Letter No. 4124, dated 31st May 1889, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 139, dated 10th April last, that Vithu Dalvi, night turn-cock, Water Works Department, retired on pension from the 9th May 1889."

No. 1134.

The consideration of terms of contract with Mr. F. W. Stevens for his services as architect for the new Municipal Office building, was postponed.

The further consideration of correspondence on the subject of the provision of Police stations and chowkies and of providing a chowkey at Byculla in place of the one removed in connection with the construction of Sankli Tank Road, was proceeded with.

The Commissioner read a letter prepared by himself on the subject and it was agreed that the consideration of the question be postponed, and that the letter now read be circulated.

Resolved : " That the following be *recorded* :—Letter No. 4083, dated 30th May 1889, from the Commissioner, reporting, under Section 69 (*d*) of the Municipal Act III. of 1888, that he has authorised the purchase of a turnstile for use at the Victoria and Albert Museum, at a cost of Rs. 600. The amount to be debited to the budget grant for the Museum."

No. 1135.

Read memorandum No. 4017, dated 29th May 1889, from the Commissioner, forwarding correspondence relating to the charging for water drawn by the Tramway Company from the fire hydrants fixed in different parts of the city and used by them for road repairs, and stating that there is no section in the Act which exactly covers this case, but by the analogy of Section 169, he thinks the

decision as to the special terms should rest with the Standing Committee.

Proposed by Thomas Blaney, Esq., seconded by Kaikhosro N. Kabraji, Esq., and *carried*—

No. 1136. "That the Commissioner be asked to inform the Tramway Company that they will be required to pay for the use of the carts and water supplied to them for road repair purposes ; and that no water can be drawn by the Company from hydrants.

"That the full town rate be levied for the water so used from 1st October 1889."

The consideration of (1) application from the Commissioner for a grant of Rs. 27,929, for constructing Fire Brigade Station at Sankli Tank Road, and (2) letter No. 4125 of 1889-90 from ditto, regarding the proposed over-bridge at Falkland Road, was postponed.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 1137. "That, as recommended by the Commissioner in his memorandum No. 2505, dated 6th ultimo, sanction be given, under Rule XXII. of the Pension Fund Rules, to the payment of compassionate allowance of Rs. 2,960 to the widow of Mr. W. Howard, late Inspector, Health Department."

Carried.

No. 1138. *Resolved* : "That, as recommended by the Commissioner, in his memorandum No. 4349, dated 4th instant, sanction be given, under Rule VI. of clause (*c*) of the Pension Fund Rules, to the payment of pension of Rs. 39-10-8 per mensem, from 1st April 1889, to Mr. Shewshunkar Luxumonjee, late clerk, Commissioner's Office."

No. 1139. It was agreed that the following Progress Report, up to the end of April 1889, of the Tansa Water Works, forwarded with the Commissioner's memorandum No. 4082, dated 30th ultimo, be printed on the minutes of this day's meeting :—

Letter No. 261, dated 28th May 1889, to the Commissioner, as follows :—

SIR,—I have the honor to forward herewith, accompanied by three statements, Progress Report of the Tansa Works up to the end of April 1889.

The progress diagrams have been brought up to same date and replaced in the Committee room.—I have, &c., W. CLERKE, M.I.C.E., Executive Engineer, Tansa Water Works.

Tansa Dam.—During the month the outturn of masonry was 436,000 c.ft. making the total quantity executed from the commencement of the work 4,858,000 c.ft. The excavations for foundations are still in progress. The daily average number of people employed during the month was 7,700. The daily average number of carts was 835 and that of pack bullocks and donkeys 320. The number of deaths reported during the month were 14 from various causes.

Duct.—The outturn of work during the month has been good. The total value of work done was two lakhs of rupees. 700 feet of tunnelling was executed. The daily average number of persons employed on the duct works during the month was 12,000. Sickness still prevails in the district.

Cast-iron pipes.—The S.S. " Falls of Inversnaid " delivered her consignment of pipes during the month which makes the total delivery from commencement of operations 31,200 tons. The S.S. " Star of England " had arrived in harbour at the end of the month bringing a further consignment of 1,700 tons.

Statement showing progress made with the masonry of the Tansa Dam.

Description.	R. L. of river bed portion.	Quantity of Masonry executed.	Quantity remaining (approximate).
		C. ft.	
State of work at opening of season 1888-89	847	27,08,100	c. ft.
Work done in October and November 1888	850	2,06,900	
Do. in December 1888	853	2,90,000	
Do. in January 1889	858	4,24,000	
Do. in February 1889	861	3,84,900	56,42,000
Do. in March 1889	864	4,08,100	
Do. in April 1889	866	4,36,000	
Total.....		48,58,000	

Statement showing progress of work on the principal items of the Tansa Duct, season 1888-89.

	Total progress up to							Remaining to be done (approximately).
	31 May 88.	30 Nov. 88.	31 Dec. 88.	31 Jan. 89.	28 Feb. 89.	31 Mar. 89.	30 Apl. 89.	
Excavation for conduit. c.ft.	53,50,000	62,40,000	72,90,000	83,60,000	92,63,000	99,19,000	1,10,34,600	33,35,400
Masonry in conduit c.ft.	4,07,142	4,16,600	4,51,400	5,65,100	7,25,400	9,52,900	11,85,600	27,99,400
Tunnelling .. ..l.ft.	2,500	4,300	4,700	5,214	5,695	6,220	6,922	* ....
Excavation on pipe track .. .. ..c.ft.	20,16,000	20,14,000	20,41,000	21,07,000	22,18,000	22,92,000	23,30,865	99,135
Embankment on pipe track	53,94,000	55,70,000	59,57,593	65,01,000	65,89,000	66,99,000	67,83,900	84,100
Tramway laid ..l.yards	11,024	13,380	14,600	14,600	14,600	18,800	19,800	10,120
Erecting Bassein Creek Bridge, Tons.. ..	505	1,050	1,240	1,380	1,520	1,700	1,850	250
Laying 48" Siphons l.ft.	....	....	....	....	....	21,600	24,300	71,500

* See details attached.

Tansa Duct.—Detail of progress made in tunnels up to 30th April 1889.

Number of tunnel.	Progress made.			Remaining to be done (approximately).	Remarks.
	North face.	South face.	Total.		
	l. ft.	l. ft.	l. ft.	l. ft.	
1	.....	.....	232	.....	Driven through.
1a	18	268	286	242	
2	967	2,750	3,717	4,285	
3	175	212	387	678	
4	448	275	723	1,576	
5	.....	.....	619	.....	Driven through.
6	38	.....	38	702	
7	366	554	920	2,498	
			6,922	9,981	

Ordered : " That the following be laid on the table :—

No. 1140. Letter, dated 22nd May 1889, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for April last and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

Resolved : " That sanction be given to the cutting off of

No. 1141. water connections as per list accompanying the Commissioner's memorandum No. 4461, dated this day."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 2nd June 1889.*

Read and *recorded* memorandum No 4319, dated 3rd instant, from the Commissioner, forwarding return of fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of Owner.	Estimated Damages.	Cause of Fire.
1889				Rs.	
26th May at 7 a.m.	Tardeo Road..	Cotton	Mr. Jivraj Balu ..	300	Friction.

* *See* Appendix B.

BOMBAY, 12*th June* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the ACTING EXECUTIVE ENGINEER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 5th instant, were signed.

Resolved: "That the following be *recorded* :—Memo-
No. 1325. randum No. 4697, dated 11th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 5th instant.

Resolved: "That, as applied for by the Commissioner in
No. 1326. his memorandum No. 4694, dated 11th instant, sanction be given, under Section 122 (2) of the Municipal Act III. of 1888, to the transfer of so much of the Government Paper of the Tansa Loan deposit account No. 1, at ruling market rates, to Tansa Loan Interest deposit account No. 2, as will enable the Commissioner to transfer from the latter account to the former, Rs. 2,47,158-11-7, or thereabout, standing to the credit of the latter account and which has to be invested."

With reference to the question of the reappointment of a sub-Committee to revise the rates for land, required for street improvement, it was agreed that it was not necessary to appoint such sub-Committee.

Proposed by Thomas Blaney, Esq., seconded by Mulji Bhowanidas Barbhaya, Esq.—

"That, as recommended by the Commissioner in his
No. 1328. memorandum No. 4404, dated 4th instant, the Corporation be recommended to adopt (pending the preparation of complete by-laws under Section 461, clauses (*c*), (*d*) and (*e*) of the Municipal Act 1888) as by-laws for all houses newly erected on old sites, the pro-

visions of clauses (*c*) to (*l*) of Section 348 of the Municipal Act, which provisions mostly represent principles either hitherto acted upon, or incorporated in the draft by-laws already considered by the Corporation from time to time."

Carried.

Resolved: "That Mr. Pestonjee Fakirjee Sidhwa be informed that his letter, dated 3rd instant, regarding the payment of compensation to the estate of the late Mr. Ruttonjee Manockjee Sidhwa, for land taken up in Dhobi Talao Second Lane, has been referred to the Commissioner for disposal." No. 1329.

The consideration of memorandum No. 4356, dated 4th instant, from the Commissioner, asking the Committee's approval, under Section 230 of the Municipal Act III of 1888, to an order in writing being given to Mr. Ambuji Madhuji authorizing him to lay a pipe drain through the land of Bai Fatma, at DeLisle Road, was postponed till next meeting.

The seal of the Corporation was affixed to deeds of conveyance—

From Mr. Jalbhoy Ardesir Sett, of ground taken up for the improvement line of Jail Road East. No. 1330.

From Parvatibai, widow of Thakar Devjee Hirji, of ground taken up for the improvement line of Kika Street. (The Acting Executive Engineer, in his letter No. 4196B, dated 8th June 1889, to the Municipal Commissioner, states that Parvatibai, widow of Thakar Devji Hirji, is the proper person to receive compensation in this case, not Mr. Devji Hirji, in whose name sanction to the taking up of the ground was given by the late Town Council, in their Resolution No. 516, dated 5th July 1884.) No. 1331.

The further consideration of (1) letter No. 4123, dated 31st May 1889, from the Commissioner, on the subject of the conversion of 15 months' sick leave granted to Mr. Walton into furlough, and (2) the terms of contract with Mr. F. W. Stevens for his services as architect of the new Municipal Office building, was postponed.

Considered again correspondence on the subject of the provision of police stations and chowkis and of providing a chowki at Byculla in place of the one removed in

connection with the construction of Sankli Tank Road, together with letter prepared by the Commissioner on the subject.

Proposed by E. B. Carroll, Esq., seconded by Colonel G. L. C. Merewether—

"That the letter now read prepared by the Commissioner on the subject of the provision of police stations and chowkis, and of building a chowki at Byculla in place of the one removed in connection with the construction of Sankli Tank Road, be approved.

No. 1332.

"That the Commissioner be requested to forward the said letter to Government."

Carried by 8 votes *against* 3.

Resolved: "That the following be *recorded* :—

No. 1333.

Letter No. 4742, dated 11th instant, from the Commissioner, reporting the sale of right to cut grass on Municipal land, as per following list :—

Nature of land.	Names of lease-holders.	Amount realized in	
		1889-90.	1888-89.
		Rs.	Rs.
Municipal land at Vehar	Khondaji Hanumantrao ..	540	620
Do. Tulsi	Natha Bapu	40	70
Do. Vehar and Tulsi Pipe-line, &c.	Gustin Bastio	15	
Pipe-line from Vehar to Bandora...	Khondaji Hanumantrao ..	20	10
Do. Bandora to Mahaluxmi.	Ahmed Ebrahim	61	10
Do. Vehar to Kurla	Mahomed Megji.....	10	10
Municipal land at Bhandarwada (John Hay Grant) Reservoir.....	Khondaji Hanumantrao ..	10	40"

Read letter No. 4804, dated this day, from the Commissioner, to the Secretary, as follows :—

SIR,—At my instance and on the recommendation of the Standing Committee, the Corporation, on the 20th March last, made a special grant to meet the expenses of the recent general elections, including, amongst other items, one of Rs. 3,000 for printing and stationery. This sum was calculated on the information then available and was

believed to be sufficient, but I find from the actuals now received, that a further grant of Rs. 2,000 will be required to meet all the printing charges, and I have the honour to request that the Standing Committee may be asked to recommend the Corporation to sanction this provision out of the surplus cash balance.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 1334. *Resolved*: "That the Corporation be recommended to sanction the payment of an additional grant of Rs. 2,000, from cash balance to meet the cost of printing and other charges incurred in the current year on account of the general elections."

No. 1335. *Resolved*: "That the following be referred to the Commissioner for disposal:—Letter dated 4th instant, from Mr. Ramji Purshotum, objecting to the Health Officer's proposal to render special halalkhor service at applicant's chawl at Girgam Back Road."

No. 1336. *Resolved*: "That the following be referred to the Commissioner for favour of remarks:—Memorandum No. 1152, dated 10th instant, from the Municipal Secretary, forwarding for remarks of the Standing Committee, letter, dated the same, from Messrs. Leo. G. DeSouza, Ardaseer Framjee Major and other residents of Cavel Street, complaining of the building of house No. 7 thereat, and asking that set-back may be enforced in this case."

No. 1337. *Resolved*: "That the following be referred to the Commissioner for disposal:—Petition, dated 8th instant, from Messrs. Gopinath Eknath, Balkrustna Gunpatrao and other residents of Tel guli, at Vithulwadi Lane, praying that Tel guli may be provided with lights."

Proposed by Colonel G. L. C. Merewether, seconded by E. B. Carroll, Esq.—

No. 1338. "That the Corporation be recommended to sanction the payment of Rs. 27,929, to meet the cost of (1) Rs. 27,164, for constructing Fire Brigade station at Sankli Tank Road, in place of the one at Byculla Police quarters, and (2) Rs. 765, for filling in site for the station. The cost to be met by appropriations from the grants for Fire Brigade extending over 3 years, commencing from this year. The expenditure to be met in the meantime, by advances from available cash balances."

Carried.

The consideration of the following was postponed :—

(1) Letter No. 4125, dated 31st May 1889, from the Commissioner, on the subject of the proposed over-bridge at Falkland Road ;

(2) Resolution of the Corporation, No. 1307, dated 10th instant, with reference to the execution of certain works at Malabar Hill Reservoir ;

(3) Resolution of the Corporation, No. 1308, dated 10th instant, with reference to the Commissioner's proposal for the laying out of proposed road from Wari Bandar Road to Gunpowder Road.

Resolved : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 797, dated 12th instant."

No. 1339.

Resolved : "That Progress Report up to the end of April 1889, of the Tansa Water Works, forwarded with the Commissioner's memorandum No. 4082, dated 30th May 1889, be *recorded.*"

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 9th June 1889.*

BOMBAY, 19*th June* 1889.

AT the Meeting of the Standing Committee held this day, there were present :

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the ACTING EXECUTIVE ENGINEER; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 12th instant, were signed.

Resolved : "That the following be *recorded*:—Report made by the Secretary of the sanction given by circular, dated 12th instant, by the Standing Committee to sale of such amount of Government Paper, belonging to the surplus cash deposit account, as would realize Rs. 1,79,820-7-6, the amount awarded by the Collector of Bombay to Mr. Byramjee Jeejeebhoy for his land on the Flats."

No. 1515.

---

* *See* Appendix B.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his memorandum No. 5046, dated 17th instant, sanction be given to the transfer of rupees three lakhs from different loan funds to the Municipal General Fund pass book to meet payments to the Tansa works contractors, and others, up to 30th June 1889."

No. 1516.

Carried.

Resolved: "That, under the circumstances mentioned in the Acting Executive Engineer's letter No. 4597-B, dated 14th June 1889, and as applied for by the Commissioner in his memorandum No. 5048, dated 17th idem, the Standing Committee assent to the Commissioner's disapproving under the terms of Section 348 (*b*) of the Municipal Act III of 1888, of the erection of a building by Mr. Jysingrao Sadoba at Sion Road on a site shewn on the tracing* marked A, dated 17th of the same as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 1517.

Considered memorandum No. 5047, dated 17th instant, from the Commissioner, forwarding letter No. 4504-B, dated 13th idem, from the Acting Executive Engineer, and asking assent of the Standing Committee, under Section 348 (*b*) of the Municipal Act III. of 1888, to his disapproving of the erection of a building by Mr. Mulchand Ratanji, at Parbhadevi Road, for the reasons mentioned in the Engineer's letter.

Resolved: "That, under the circumstances mentioned in the Acting Executive Engineer's No. 4504-B, dated 13th instant, and, as applied for by the Commissioner in his memorandum No. 5047, dated 17th idem, the Standing Committee assent to the Commissioner's disapproving, under the terms of Section 348 (*b*), of the Municipal Act III. of 1888, of the erection of a building by Mr. Mulchand Ratanji, at Parbhadevi Road, on a site shown on the tracing* marked B, dated 13th of the same as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 1518.

* Filed in Supplement to Minute Books marked A.

Resolved : "That the following be *recorded* :—Letter
No. 1519. No. 4877, dated 13th instant, from the Commissioner, reporting that he has allowed 10 windows, or thereabout, of a house belonging to Mr. H. A. Hormasji's trust, to the west of the Reservoir at Malabar Hill, to remain as at present, on payment of Re. 1 monthly, by the said Trust, the sufferance occupation to terminate upon one month's notice from the Commissioner."

Resolved : "That the following be *recorded* :—Letter
No. 1520. No. 4875, dated 13th instant, to the Municipal Secretary, as follows :—

SIR,—With reference to Corporation Resolution No. 5045, dated 25th October last, I have the honour to state that the area of the ground exchanged is 987·66 square yards, and not 862·79 square yards as sanctioned by the Corporation. The cause of the difference is that in the first instance the area was calculated from the Revenue Survey map while, when the exchange was made, it was actually measured on the ground*.—I have, &c., E. C. K. OLLIVANT, Commissioner.

The further consideration of memorandum No. 4356, dated 4th instant, from the Commissioner, asking the Committee's approval, under Section 230 of the Municipal Act III. of 1888, to an order in writing being given to Mr. Ambuji Madhuji, authorising him to lay a pipe drain through the land of Bai Fatma at DeLisle Road, was further postponed till next week.

The seal of the Corporation was affixed to deed of
No. 1521. contract with Messrs. Hirji and Raoji for the execution of works at the waste weir, Vehar Lake.

The seal was also affixed to 35 renewals of old bonds of the Drainage Loan of 1878, Nos. 1486 to 1496, both inclusive, 1565 to 1570, ditto 5189 and 5202 to 5218, ditto of Rs. 500 each.

Considered letter No. 4123, dated 31st May 1889, from the Commissioner, reporting that, Mr. Walton prefers to have 15 months' sick-leave already granted to him converted into furlough.

Resolved : "That sanction be given to the conversion of
15 months' sick-leave already granted to Mr.
No. 1522. Walton into furlough in accordance with section 141 of the Civil Leave Code. And that the leave

* The Commissioner explained that in both cases the areas of the ground actually exchanged are the same.

granted, under the Standing Committee's Resolution No. 7164, dated 20th March 1889, be furlough."

Considered draft letter prepared by the Solicitors to the Corporation embodying the terms of contract with Mr. F. W. Stevens for his services as architect for new Municipal Office building.

Proposed by Colonel Merewether, seconded by Mulji B. Barbhaya, Esq., and *carried*—

No. 1523 "That the terms of the contract with Mr. F. W. Stevens, as just read by the Commissioner, be approved."

No. 1524. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 4698, dated 11th instant, sanction be given to the transfer of Rs. 500, from savings in Section II., Labour, Water Works, Maintenance, Engineer's Budget, to Section I., Superior Staff, salary of Deputy Executive Engineer, Water Works, same Budget, to meet the payment of charge allowance of Rs. 100 per mensem to Mr. Hawkes during the time he acts for Mr. Tomlinson as Deputy Executive Engineer, Water Works."

No. 1525. *Resolved*: "That, as applied for by the Commissioner in his letter No. 4743, dated 12th instant, sanction be given to the transfer of Rs. 120-2-0, from savings in Section IV., Contingencies, Assessment and Collection Department Budget, to Section II., Office Establishment, same Budget, to meet the cost of acting arrangement made during the absence on privilege leave of the First Assistant Assessor, for two months from 2nd April 1889."

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 1526. "That, with reference to its Resolution No. 5036, dated 25th October 1888, regarding the construction of an overbridge at Falkland Road, the Corporation be recommended to inform Government that the overbridge should be constructed as shown on the plan forwarded herewith, providing for a total width of 92 feet, namely, low level roads on each side of 20 feet each, one foot on each side for the vertical faces of the walls of the overbridge, and a width of 50 feet for the overbridge, namely, 40 feet for roadway and 5 feet for each footpath. The approaches to have a slope of not less than 1 in 35."

Carried.

Considered the Resolution of the Corporation, No. 1307, dated 10th instant, regarding the execution of certain works at Malabar Hill Reservoir.

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq., and *carried*—

"That a précis be prepared by the Secretary, of the papers connected with Sir John Fowler's Report and the other works on the Reservoirs recommended by the Municipal Staff.

"That the same to be ready by the next Standing Committee Meeting."

Proposed by the Chairman, seconded by Javerilal Umiashunker Yajnik, Esq., and *carried*—

"That the following be referred to the Commissioner for favour of estimates showing the probable cost of constructing the road and acquiring such plots of ground as may be required for the same :—

No. 1527.

"Resolution of the Corporation No. 1308, dated 10th instant, as follows :—'That the Commissioner's proposal for the laying out of proposed road from Wari Bandar Road to Gunpowder Road be referred to the Standing Committee for report.'"

Resolved : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 5160, dated this day."

No. 1528.

Ordered: That the following be laid on the table :—

Letter, dated 13th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for May last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of accounts.

No. 1529.

Resolved : "That, in reply to his letter, dated 11th instant, regarding the transfer in the Assessment Book of his property No. 35, Old Nagpada Street, Mr. Ebrahim Valibhai be informed that the Standing Committee cannot interfere in the matter."

No. 1530.

Resolved : "That, in reply to his letter, dated 11th instant, regarding the alleged demolition of house No. 395, Parel Road (Bhendi Bazar), being carried out in a dangerous manner, Mr. Hasanali

No. 1531.

Rehmanji be informed that his letter has been forwarded to the Commissioner for disposal."

Resolved : "That, with reference to his letter, dated 8th April 1889, Hadji Mahomed Latiff be informed that the lane referred to (Kumbharwada Street, Dadur,) does not come within the definition of public streets as given in the Municipal Act III. of 1888, and that the Standing Committee cannot interfere in the matter."

No. 1532.

After discussion, it was *agreed*—"That the consideration of the notice of motion from Mr. Mulji B. Barbhaya, regarding the extension of the Bhuleshwar Market, be postponed till next week."

The consideration of notice of motion from Major H. O. Selby, regarding the new Municipal Office building was postponed.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 16th June 1889.*

Read and *recorded* memorandum No. 5019, dated 17th instant, from the Commissioner, forwarding return of fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

No. 1533.

Date.	Locality.	Nature of Property destroyed.	Name of Owner.	Estimated Damage.	Cause of Fire.
1889. June 11th at 10-30 a.m.	Lower Colaba	Cotton	Colaba Press Co.	Rs. 100 ..	The origin of the fire is attributed to friction.

BOMBAY, 26*th June* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.
THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 19th instant, were signed.

* *See* Appendix B.

Resolved : "That the following be *recorded* :—Memo-
No. 1630. randum No. 5084, dated 18th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 3,00,000, from (1) the Miscellaneous Works Loan of 1888-89 deposit account, Rs. 2,00,000 ; and (2) the 12 lakhs Drainage and Water Works deposit account, Rs. 1,00,000, to the Municipal General Fund pass book, on the 11th and 14th instant."

Read the following :—

No. 5285 OF 1889-90. BOMBAY, 20*th June* 1889.

To F. W. STEVENS, Esq.

SIR,—I have the honor to inform you in continuation of previous correspondence, that the following are the terms, as finally sanctioned by the Corporation, in respect of the remuneration paid and to be paid to you, for your services in connection with the new Municipal Buildings as now designed, namely :—

That your remuneration be fixed at the rate of 6½ (six and a half) per cent. on Rs. 9,76,350, being the amount of the approximate estimate.

That the said percentage is to be in full of all charges for professional services of every description in respect of the designs, making approximate and detailed estimates, preparing specifications and bills of quantities, making all necessary plans, drawings, elevations and sections, preparing all necessary details and instructions for execution of the works, procuring and examining tenders for the work (if required), personal supervision and general superintendence of works (exclusive of cost of clerk of the works and subordinate establishment), examining and passing the accounts, measuring up the works and certifying accounts for extras and omissions (not involving substantial alteration of design), arranging with artists, tradesmen and others, either here or in England, for sculpture, stained glass, furniture and works of a similar class (inclusive of general instructions and supervision, but not including furnishing the designs for same), and generally for all architect's services and work whatsoever in connection with the said buildings except the following, namely :—

(1.) Attendances at Committee Meetings or to advise in connection with any disputes that may arise with contractors. (For this work, it is understood, your fee would be extra and would be at the rate of Rs. 30 per hour.)

(2.) Work in connection with litigation with any of the contractors. (For this work also, it is understood, your fee would be extra and would be at the rate of Rs. 30 per hour.)

That the percentage aforesaid be paid as follows, namely :—

1½ per cent. at once.*

1½ per cent. on delivery of the detailed quantities and estimates.

3¼ per cent. by instalments when making payments to contractors; such 3¼ per cent. to be calculated on the amounts of all bills

* Cheque already handed to you.

for works included in the approximate estimate, provided, however, that the aggregate amount of payments to be made to you shall in no case exceed in the whole 6½ per cent. upon the approximate estimate, and that a sum of Rs. 2,500 shall be retained out of the said 3¼ percentage until the passing of the final bill for the work.

I shall feel obliged by your formally writing to me with your confirmation of these terms.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

ELPHINSTONE CIRCLE, NEAR PORT TRUST OFFICES,
No. 79. BOMBAY, 21*st June* 1889.

E. C. K. OLLIVANT, Esq., C.S., C.I.E.,
Municipal Commissioner, Bombay.

SIR,—I have the honour to acknowledge your letter No. 5285 of 20th instant and beg to state that I accept the terms therein mentioned :—I have, &c., FREDERICK W. STEVENS, F.R.I.B.A., &c., Architect, Civil Engineer and Surveyor.

No. 5411 OF 1889-90. 24*th June* 1889.

Submitted to the Standing Committee for approval of the contract under Section 69 of the Municipal Act.—E. C. K. OLLIVANT, Commissioner.

Proposed by Colonel G. L. C. Merewether, seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 1631. "That the terms of contract with Mr. Stevens for his services, as architect for the new Municipal Office building, embodied in the Commissioner's letter No. 5285, dated 20th instant, and Mr. Steven's reply thereto, letter No. 79, dated 21st idem, be approved."

Carried.

The further consideration of memorandum No. 4356, dated 4th instant, from the Commissioner, asking the Committee's approval, under Section 230 of the Municipal Act III. of 1888, to an order in writing being given to Mr. Ambuji Madhuji, authorizing him to lay a pipe drain through the land of Bai Fatma at DeLisle Road, was postponed.

No. 1632. The seal of the Corporation was affixed to deed of conveyance, from Mr. Jumnadas Narsey, of ground taken up for the improvement line of Dongri Street. (The Acting Executive Engineer, in his letter No. 5197B, dated 24th June 1889, to the Commissioner, states that Mr. Jumnadas Narsey is the proper person to receive compensation in this case, not Mr. Narsey Khatao in whose name sanction to the taking up of the ground was given by the late Town Council in their Resolution No. 922, dated 29th September 1886.)

The seal was also affixed to 43 renewals of old bonds,
No. 1633. namely 2 of Sanitary Works Loan of 1885, Nos. 239 N. N. and 813 N. N. of the value of Rs. 500 each, 1 of Drainage Loan of 1878, No. 794-803, of the value of Rs. 5,000, and 40 of ditto Nos. 1643 to 1682, both inclusive, of the value of Rs. 500 each.

Resolved : "That the following be *recorded* :—

No. 1634. Letter No. 5049, dated 17th instant, from the Commissioner, reporting the purchase of two Dumpy levels and three pairs of levelling staves at a cost of Rs. 920, from Messrs. Thacker & Co., Limited, for the Tansa Water Works."

Resolved : "That, as recommended by the Commissioner,
No. 1635. in his memorandum No. 5184, dated 19th instant, sanction be given, under Rule XXII of the Pension Fund Rules, to the payment of compassionate allowance of Rs. 523-3-0, to Gowarabai, widow of Mr. Padmakar Dinker Bapat, late Ward Clerk, Assessment and Collection Department."

Proposed by E. B. Carroll, Esq., seconded by Thomas Blaney, Esq.—

"That, with reference to its Resolution No. 1307,
No. 1636. dated the 10th June 1889, the Corporation be informed that the recommendations contained in the Standing Committee's Resolution No. 1024, dated 22nd May last, embodied such part of the work to be done at Malabar Hill Reservoir as is considered by Sir John Fowler to be most urgent, namely, the provision of an asphalt or concrete surface to the floor of the settling basin, the provision of turbine, overflow and sludge pipe, cushions for outlet of filters and the repointing the walls of the distributing basin.

"2. These recommendations are strictly in accordance with the 'procedure' which Sir John Fowler advises, should be followed out, namely, 'the completion of the work of the walls and the floor of the settling bassin * * * before any further work is proceeded with, partly as a training for the men and Inspectors and partly to ascertain the complete adequacy of the work of restoration for its intended object.'

"3. The outlay on these urgent works is estimated at Rs. 97,930 only, whereas the carrying out of the whole of

the improvements to the two Reservoirs suggested by Sir John Fowler would involve an expenditure of Rs. 9,93,100 to which, to give full effect to his recommendations, should be added Rs. 4,50,000 for completing the filter beds at Vehar. This sum of Rs. 9,93,100 includes amongst other items, the provision of Rs. 1,75,000 for extending the filtering accommodation at Bhandarwada Reservoir which would also incidently involve the repointing of the uppermost eight feet of the storage basin upon which the new filter beds are intended to rest. In addition to this work costing Rs. 1,75,000, the Municipal executive recommend that the filtering accommodation at the Malabar Hill Reservoir should be similarly extended, for, if there is good reason for filtering the whole of the Vehar water, there must be at least equally good reason for filtering the whole of the Tulsi water which is more impure. But the consideration of the extension of the filter beds at Malabar Hill Reservoir cannot be treated apart from the extension of the storage capacity of the reservoir; and the Municipal executive consider that, in view of the Tansa water being brought into Bombay, the reservoirs should be extended at least so far as to provide, in conjuction with the existing storage capacity, a total storage capacity of 56,000,000, gallons, that is to say, a complete two days' supply from all sources except the water brought in by the Vehar 24" main, which, as will be remembered, is delivered direct to the northern portions of the Island.

"4. As just stated, the most urgent works are those included in the estimate of Rs. 97,930, and so far as this outlay is concerned, the Standing Committee felt justified in proposing that the Corporation should accord its sanction thereto. But as regards the remaining and much more extensive work, it is obvious that some time will be required for the full discussion by the Corporation of a scheme which involves such heavy outlay.

"5. The whole of the papers, including Sir John Fowler's report and report of the Sub-Committee of the Standing Committee, have been circulated to the Corporation and are bound up as appendix D to Vol. XII of the Municipal Record. See also pages 462 to 470."

Carried.

Resolved: "That the Corporation be recommended to sanction an additional grant of Rs. 1,180, from Cash Balance, to provide for cost of (1) 12 gas lamps with cast-iron columns and fittings complete, at Rs. 45 each (Rs. 540); and (2) maintenance of 12 lamps at Rs. 80 per lamp per annum (for eight months) (Rs. 640), for lighting with gas the roads on the west of the Victoria Dock Warehouses, lately taken over from the Port Trustees, and shown in pink colour on the plan, dated this day, and marked A." * No. 1637.

Resolved: "That, as applied for by the Commissioner, in his memorandum No. 5471, dated 25th instant, sanction be given, under Rule VI., Clause (*a*), of the Pension Fund Rules, Section C, of Chapter I. of the Municipal By-laws, to the payment of a pension of Rs. 10-5-6 per mensem, from the 15th April 1889, to Mr. M. P. Noronha, correspondence clerk, Assessment and Collection Department." No. 1638.

Read memorandum No. 5225, dated 20th instant, from the Commissioner, forwarding, with reference to the Resolution of the Standing Committee No. 318, dated 8th ultimo, letter No. 345, dated 17th instant, from the Executive Engineer, Tansa Water Works, as under :—

SIR,—Referring to your endorsement No. 3331, dated the 17th ultimo, I have the honour to send herewith a comparative section, showing the line of foundations on which the esimate was based and the actual line to which they have had to be carried. It will be observed that the latter is not a continuous hard line throughout. The dotted portions show places where satisfactory foundations have not *yet* been reached, and they only represent what the ultimate line of foundations will probably be. In some places the foundations have had to be carried to a considerable depth below the estimated level.

The impossibility of estimating the line of foundations in a trap formation from trial-pits was referred to in para. 20 of my original report, and the Chief Engineer for Irrigation, in his report which appears in the preamble of Government Resolution, General Department, No. 4821, dated 17th December 1885, endorses this view and expresses his opinion that the line of foundations as estimated on from the trial-pits is insufficient.

I had hoped that the whole of the foundations would have been got out before the close of the past working seasons, and I should then have

* Filed in supplement to Minute Books, 1889-90, marked, A.

been able to state what the excess due to this cause would be. But, as the foundations have not been completed, I can only estimate the excess approximately as under :—

Excess due to increase excavations in foundations...	Rs. 1,20,000
Excess in masonry consequent on the above	„ 1,80,000
Total	Rs... 3,00,000

I have, &c., W. CLERKE, Executive Engineer, Tansa Water Works.

No. 1639. *Resolved* : " That the following be *recorded*:—Memorandum No. 5225, dated 20th instant, from the Commissioner, forwarding letter No. 345, dated 17th idem, from the Executive Engineer, Tansa Works, explaining the cause of excess on the Tansa Dam Work."

No. 1640. *Resolved*: " That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 5537, dated this day."

In accordance with notice of motion, it was proposed by Mulji Bhawanidas Barbhaya, Esq.—

" That, with reference to the Resolution of the Corporation No. 2797, dated the 9th of July 1888, and that of the Standing Committee, dated the 9th of January last, regarding the extension of the Bhuleshwar Vegetable and Fruit market, the Municipal Commissioner be requested to inform the Standing Committee whether the plots H, I, J, K, L, A and M, or any of them have been taken under the Land Acquisition Act and what price has been fixed by the Collector for the same, or any of them. If none has been taken, whether proceedings to acquire them have been taken ; and if not, what is the cause of this delay."

A discussion followed, and the Commissioner said that, after the Standing Committee's expression of opinion, he will proceed with the execution of the scheme as submitted to the Corporation.

Thereupon Mr. Mulji Bhawanidas Barbhaya withdrew his notice.

In the absence of Major H. O. Selby, it was proposed by Thomas Blaney, Esq.—

No. 1642. " That the Commissioner do, as soon as convenient, submit a tabular statement showing the total cost, so far as it can at present be foreseen,

of the scheme for Municipal Offices as it stands at present; such statement to show under separate heads cost of land acquired or to be acquired, cost of buildings, cost of furniture and fittings, cost of water and fire service, cost of lighting arrangements, architect's fees, establishment, payments to Government for rent, as opposed to purchase of land, and miscellaneous charges if any."

K. M. Shroff, Esq., seconded the motion which was *carried.*

Considered the Progress Reports, up to the end of May 1889, of new works now in course of construction.*

Resolved : "That Progress Reports, up to the end of May last, of new works now in course of construction, be *recorded.*"

No. 1643.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 23rd June 1889.†

Read and *recorded* memoranda Nos. 5321 and 5346, dated 21st instant, from the Commissioner, forwarding return of fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

No. 1644.

Date.	Locality.	Nature of Property destroyed.	Name of Owner.	Estimated Damage.	Cause of Fire.
1889. June 17 h, at 3 p. m.	Lower Colaba	Cotton	New Apollo Press Co.	Rs. 300 ..	The origin of the fire is attributed to friction.
June 19th..	Grant Road..	Frock	Mince woman.	No value ..	It was ascertained that a lighted cheroot had been thrown into her shop from theatre.

BOMBAY, *3rd July* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*
THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANJIDAS BARBHAYA, Esq.
The ACTING EXECUTIVE ENGINEER; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 26th ultimo, were signed.

A letter was received from Mr. Muncherjee Nowrojee Banajee, apologing for non-attendance on account of having to be present at a funeral.

Resolved: "That the following be *recorded* :—Memo-
No. 2138. randum No. 5516, dated 25th June 1889, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan Deposit Account No. 2, to the Municipal General Fund pass book, on the 17th ultimo."

Resolved : "That, in reply to his letter, dated 1st instant,
No. 2139. regarding increased rate for land taken up from him at Walkeshwar Road, Mr. Javerchand Gumanchand be informed that his letter has been forwarded to the Commissioner for remarks."

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his memo-
No. 2140. randa Nos. 5719, 5721, 5763, 5764, 5943, 5947 and 5948, dated the 28th and 29th ultimo and 2nd instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures, built without permission:—

Name of Owner	Where.
Mr. Abdul Rehman	Building at Ripon Road, Ghelabhoy Dulubdass Street.
Mr. Ransordas Motiram... ...	Ditto at Babula Tank Road.
Messrs. Jamshedji Aspaniarji and Rustamji Barjorji	Ditto at No. 75, Mirza Street.
Mr. Ahmed Mohamad	Ditto at Husen Khan Khalifa Street.
Mr. Venayek Moroba	Ditto at the Junction of Fanuswadi and Thakoordwar Roads.
Mr. Moolna Tyabji Karimbhai ...	Ditto at Nos. 61-67, Doctor Street.
Mr. Namdeo Tukaram	Ditto at Nos. 8-9, Kolbhatwadi."

Carried.

Proposed by E. B. Carroll, Esq., seconded by Fazulbhoy V[illegible]ram, Esq.—

"That, as applied for by the Commissioner in his memo-
No. 2141. randum No. 4356, dated 4th ultimo, the Standing Committee hereby approve of his issuing an order in writing, under the terms of Section 230 of the Municipal

Act III. of 1888, authorizing Mr. Ambuji Mahduji to carry a pipe drain from his house in DeLisle Road in and through or under the gali of the adjoining house belonging to Bai Fatmabai, at Nos. 67-81, DeLisle Road, to the Municipal Drain in that road."

Carried.

The seal of the Corporation was affixed to deeds of conveyance—

No. 2142. From Mr. Lukhamsi Ukerda, of ground taken up for the improvement line of Janjiker Street (Bhundarwada).

No. 2143. From Hadji Hasum Hadji Esa and Hadji Abdul Sukoor Hadji Esa, of ground taken up for the improvement line of Sheik Burun Camodin Street.

No. 2144. From Mathurabai, widow of Krishnaji Arjunji, and Mr. Ramchundra Krishnaji, of ground taken up for the improvement line of Parel Road, Byculla.

(The Acting Executive Engineer, in his letter No. 5616B, dated 29th ultimo, to the Commissioner, states that 7·96 square yards of ground only were taken up in this case, being 6·84 square yards less than the area, 14·80 square yards, sanctioned by the Council, on the 6th April 1883; and that Mathurabai, widow, and Mr. Ramchundra Krishnaji are the proper persons to receive compensation in this case, not Mr. Ramchundra Krishnaji, in whose name sanction to the taking up of the ground was given by the Council on the last mentioned date.)

No. 2145. *Resolved*: "That, as applied for by the Commissioner in his letter No. 5930, dated 2nd instant, sanction be given to the transfer of Rs. 180, from savings in Section II., Labour, B, Drain cleaning, Conservancy Branch, Health Department Budget, to Section IV., repairs to scavengering and drain carts, same head, same Budget, to meet the cost of covering 10 refuse and offal carts for market use."

The consideration of letter No. 5962, dated 2nd instant, from the Commissioner, on the subject of taking over and declaring public a fountain at Wadala was postponed.

No. 2146. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 6006, dated 3rd instant."

Resolved : "That the following be referred to the Commissioner for favor of report :—Letter, dated 1st instant, to the Secretary, from Mr. Ganpat Manekji, forwarding correspondence between himself and the Municipality on the subject of water rate in respect of his properties on Ghorapdeo Road."

No. 2147.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 30th June 1889.

Read memorandum No. 5648, dated 27th ultimo, from the Commissioner, forwarding return of Fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of owner.	Estimated damage.	Cause of fire.
1889.				Rs.	
June 6th at 3 a.m. Byculla Fire Brigade Station received the call of fire at 3-20 a.m.	Don Tad Street, Chukla.	House, household and tarred canvas.	Tulsidas Arjun, Katau Moti, Parpia Narayan, Manji Pregji, Katamji Kanabhai, Kepa Narayan, Bhanau Manji, Karsandas Mehtá and Jafar Mir Haji Hasain.	57,950.	Incautious use of lamps.

On the motion of Kaikhosro N. Kabraji, Esq., it was—

Resolved : "That the Commissioner be asked to furnish the Standing Committee with detailed information as to the supply of water at the fire at Don Tad Street, Chukla, on the 6th June last.

No. 2148.

"That, in the opinion of the Committee, a column should be shown in future fire returns of the time at which the water is turned on to and supplied at a fire."

Read letter No. 5960, dated 2nd instant, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honor to forward, herewith, a tracing shewing in red a piece of Municipal ground at the corner of Sivri Road and Parel Tank Road, and to request the sanction of the Corporation to allow the Society for the Prevention of Cruelty to Animals to build thereon a cattle trough which, when completed, will be handed over to the Municipality for the gratuitous use of the inhabitants under section 269 of the Municipal Act.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by K. M. Shroff, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Corporation be recommended to grant permission to a Parsi lady to build a fountain, or cattle trough on a piece of Municipal ground at the junction of Sivri Road and Parel Tank Road shewn in red colour on the plan* accompanying the Commissioner's letter No. 5960, dated 2nd instant, and marked A; such fountain or trough after completion vesting in the Corporation for the gratuitous use of the inhabitants, under Section 269 of the Municipal Act III of 1888."

No. 2149.

Carried.

Read Letter No. 7303, dated 24th June 1889, to the Commissioner, as follows:—

SIR,—I have the honour to report that during May the quality of water from Vehar and Tulsi was not good. The amount of albuminoid ammonia rose to ·22 and ·23 parts per million.—I have, &c., T. S. WEIR, Health Officer.

Read also memorandum No. 5977, dated 2nd instant, as follows:—

Forwarded for the information of the Standing Committee. The impurity is due to vegetable matter which is capable of being removed by filtration, and this impurity towards the end of the season shows an increase of about 40 per cent.—E. C. K. OLLIVANT, Commissioner.

Resolved: "That the following be *recorded*:—Memorandum No. 5977, dated 2nd instant, from the Commissioner, forwarding report of the Health Officer on the quality of water from Vehar and Tulsi lakes during May last."

No. 2150.

Resolved: "That the Annual Report of the Gokuldas Tejpal Hospital for the year 1888 be printed and circulated and brought on for consideration at the next meeting."

BOMBAY, 10*th July* 1889.

AT the Meeting of the Standing Committee held this day, there were present:—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 3rd instant were signed.

---

* Filed in the supplement to Minute Books for 1889-90, marked A.

Resolved : "That the following be *recorded*":—Memo-
No. 2489. randum No. 6412, dated 9th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 3,00,000, from (1) the Tansa Loan Deposit Account No. 2, Rs. 1,00,000, and (2) the Miscellaneous Works Loan of 1888-89, Deposit Account, Rs. 2,00,000, to the Municipal General Fund pass book, on the 1st and 2nd instant."

The seal of the Corporation was affixed to deeds of conveyance—

From Mr. Kurimji Alibhoy, of ground taken up for the
No. 2490. improvement line of Gunpowder Road and Matharpakadi Cross Lane.

From Mr. Nemchand Sobhagchand, of ground taken up for
No. 2491. the improvement line of Parel Road, Byculla. (The Acting Executive Engineer, in his letter No. 6087B, dated 8th instant, to the Commissioner, states that 38·61 square yards of ground only were taken up in this case, being 22·94 square yards less than the area, 61·55 square yards, sanctioned by the late Town Council, on the 17th March 1886 ; and that Mr. Nemchand Sobhagchand is the proper person to receive compensation in this case, not Mr. Premchand Roychand, in whose name sanction to the taking up of the ground was given by the Council, on the last mentioned date.)

The further consideration of letter No. 5962, dated 2nd instant, from the Commissioner, on the subject of taking over and declaring public a fountain at Wadala, was further postponed.

Resolved : "That sanction be given to the cutting off of
No. 2492. water connections as per list accompanying the Commissioner's memorandum No. 6460, dated this day."

Resolved : "That, as applied for by the Commissioner in
No. 2493. his letter No. 6246, dated 6th instant, the Corporation be recommended to sanction the gr[illegible]t of Rs. 480, from Cash Balance, to meet the salary of a [illegible]eterinary Assistant (for 8 months at the rate of Rs. 60 p[illegible] mensem) whose appointment was recommended by the C[illegible]mmittee of the Corporation *re* mortality among the [illegible]llocks of the Health Department."

With reference to the memorandum No. 2169, dated 6th instant, from the Municipal Secretary, forwarding letter, dated 5th idem, from Timber Merchants of Don Tad Street, it was—

No. 2494. *Resolved* : "That the Corporation be recommended to inform the petitioners that they will be charged for licenses proportionately according to area occupied as per the scale sanctioned by the Corporation, on the 20th March last."

No. 2495. *Resolved* : "That, in reply to his letter, dated 4th instant, regarding the transfer in the Assessment Book of his property No. 35, Old Nagpada Street, Mr. Ebrahim Valibhai be informed that the Standing Committee have nothing to add to their Resolution No. 1530, dated 19th ultimo."

No. 2496. *Resolved* : "That the Annual Report on the working of the Gokuldas Tejpal Hospital for the year 1888, be passed on to the Corporation."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 7th July 1889.*

No. 2497. Read and *recorded* memoranda Nos. 5869 and 6369, dated 1st and 8th instant, from the Commissioner, forwarding return of Fires as required under Section 346 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of Owner.	Estimated Damages.	Cause of Fire.
1889					
28th June at 5-30pm.	Mazagon ..	Coal	B. I. S. N. Company.	Not known.	Spontaneous combustion.
1st July	DeLisle Road..	A small hut ..	Kodaji Ghatti ..	Annas eight.	Careless smoking.
Do. at 4-40 p.m.	Gilder Street.	Five huts ..	Dhondoba Pandooji.	Rs. 25 ..	Not known.

Read letter No. 6461, dated 10th instant, to the Secretary, as follows :—

SIR,—On the 25th October 1884, the Corporation resolved on the subject of constructing a bridge over the G. I. P. Railway at Nesbit Road—

"That an overbridge be built over the Nesbit Road level-crossing at "the cost of the Municipality, the width of the bridge to be 40

* *See* Appendix B.

"feet and the gradients of the approaches 1 in 40 on the Byculla "side and 1 in 30 on the Mazagon side.

"The estimated cost of this bridge, Rs. 1,82,854, to be borne by the "Municipality and paid for in not more than three annual instalments, "and that the Municipality pay all outlay of any land belonging to "private owners that may be required for the Nesbit Road over-"bridge and also compensation for buildings.

"That this overbridge be designed and built for the Municipality "by the Railway Company, subject to the approval of the Municipality "and of Government.

"That the Town Council be requested to include the cost of the "new overbridge at Nesbit Road in the Budget Estimates as occasion "may arise."

I have now received the final accounts of the Railway Company, and there is still a sum of Rs. 12,714-13-0 to be paid to them on account of the bridge. Including this the total amount paid to the Railway Company will be Rs. 1,76,187-15-0. It will thus be seen that there has been a considerable saving over the estimated cost of construction.

Compensation for land and buildings on Nesbit Road settled by the collector has amounted to Rs. 44,833-1-0 and the diversion of gas and water mains cost Rs. 6,312-12-9.

The total Budget provision (by annual instalments) up to date has been Rs. 2,15,000, out of which Rs. 2,14,618-15-9 have been expended, and Rs. 381-0-3 have lapsed.

All charges, as far as I am aware, in connection with the bridge have now been ascertained, and thus it is not necessary to ask the Corporation to do more than sanction the sum of Rs. 12,714-13-0 already mentioned.

In order to avoid any claim for interest, I hope that the Standing Committee will recommend the Corporation to sanction this sum out of surplus Cash Balance at an early date.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Colonel G. L. C. Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

"That, as applied for by the Commissioner in his letter No. 2498. No. 6461, dated 10th instant, the Corporation be recommended to sanction a grant of Rs. 12,715 from Surplus Cash Balance, to complete the payments due to the G. I. P. Railway Company for the construction of the Nesbit Road overbridge.

"That sanction be given to the renewal of the lapsed balance of Rs. 381-0-3, of the grant of Rs. 2,15,000, for the construction of this overbridge."

Carried.

Proposed by Muncherjee Nowrojee Banajee, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 2499. "That, as applied for verbally by the Commissioner, the Corporation be recommended to sanction the sale of surplus land remaining on hand out of the ground, purchased for the improvement of Gunbow Street at such rates as may be realized at auction, subject to any reserve price the Commissioner may consider desirable."

Carried.

No. 2500. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 6446, 6447 and 6448, dated 9th instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the removal of the following structures built without permission.:—

Name of Owner.	Where.
Hadji Abdul Latiff Baladina	...Building at Purbhadevi Road.
Mr. Hirji Assu	... ditto at Clare Road.
Mr. DeSouza	... ditto at No. 50,Dukarwadi Lane.

The Municipal Secretary informed the Standing Committee that the Appendices A, B, C & D to the Report of the Auditors on the accounts of the past year, prepared under Section 137 (1) of the Municipal Act, have been received, and that, in accordance with clause 2 of the same Section, they will be forwarded to the Commissioner.

No. 2501. The consideration of the outstanding business (1st July 1889) was proceeded with—

3. "The Acting Commissioner asked to report as to who should bear the cost of the removal of water and gas mains from the roadway in front of the house of Mr. Jehangir C. Jehangir, Nepean Sea Road.

"The Acting Commissioner also asked to investigate the matter and to report to the Council with whom the neglect rests for the details of this transaction which so materially affect the interests of the Corporation not having been foreseen and attended to—(4th April 1888)."

The Commissioner reported that the matter has been settled, and therefore this item was *struck out.*

BOMBAY, 17*th July* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHOWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT, and the MUNICIPAL SECRETARY.

A letter was received from the Chairman, (Dosabhai Framji, Esq., C.S.I.,) apologizing for non-attendance.

On the motion of Cowasjee Hormusjee, Esq., seconded by E. B. Carroll, Esq., Thomas Blaney, Esq., was called to the chair.

The minutes of the meeting held on the 10th instant, were signed.

No. 2524. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 6695, dated 12th instant, sanction be given, under Section 351 (2) of the Municipal Act III. of 1888, to the demolition of the attic built without permission by Mr. Dyal Narsi, over his house at No. 80, Old Hanuman Street."

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 2525. "That letter No. 240, dated 13th instant, from Mr. Kharshedji F. Chhapgar, L.C.E., on behalf of Hadji Abdul Latiff Baladina, regarding the removal of certain work done without permission to his building in Purbhadevi Road, be forwarded to the Commissioner in continuation of the Standing Committee's Resolution No. 2500, dated 10th instant."

Carried.

No. 2526. The seal of the Corporation was affixed to deed of conveyance from Mr. Jamasji Ruttonji Mistri, of ground taken up for the opening of Edulji Street into Hamal Street.

No. 2527. The seal was also affixed to deed of contract with Messrs. Richardson & Cruddas, for the supply of spare parts of Siemen's meters.

Proposed by Fazulbhoy Visram, Esq., seconded by Mulji Bhowanidas Barbhaya, Esq.—

No. 2528. "That, in reply to his letter, dated 10th instant, regarding compensation for land taken up from him at Dhunjee Street, Hadji Usman Hadji Chotani be

informed that his letter has been referred to the Commissioner for remark."

Carried.

Proposed by K. M. Shroff, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 2529. "That, as proposed by the Commissioner in his letter No. 5962, dated 2nd instant, the Corporation be recommended to take over and declare public the fountain with the ground on which it stands at Wadala, as shewn in the tracing,* dated this day and marked A, subject to a satisfactory proof of title of ownership by Mr. Anandrao Ranojee Kandway Wagari."

Carried.

Proposed by Col. G. L. C. Merewether, seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 2530. "That, under the circumstances mentioned in the Acting Executive Engineer's No. 1777G, dated 3rd instant, forwarded by the Commissioner under his No. 6911, dated 17th idem, and subject to the opinion of the Solicitors being given that it is within the competency of the Standing Committee to make the grant applied for, sanction be given to the payment of a special compassionate allowance of Rs. 600, to Mrs. Eliza Powell, widow of the late Inspector Powell, Engineer's Department.

"The amount to be debited to the grant for pensions, gratuities and compassionate allowance."

Carried.

Proposed by Mulji Bhowanidas Barbhaya, Esq., seconded by Fazulbhoy Visram, Esq.—

No. 2531. "That, as recommended by the Commissioner in his letter No. 6919, dated 17th instant, sanction be given, under Rule VI., clause (*b*), of the Pension Fund Rules, Section C. of Chapter I. of the Municipal By-laws, to the payment of a pension of Rs. 24-12-6 per mensem, from 1st June 1889, to Mr. Pandurung Mungesh, Clerk, Health Department."

Carried.

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 2532. "That, as applied for by the Commissioner in his memorandum No. 6766, dated 15th instant, sanction be given to the payment of Rs. 3,600, from

* Filed in the Supplement to Minute Books, 1889-90, marked A.

advance sanctioned by the Corporation in their Resolution No. 572, dated 13th May 1889, against the new loan of 15 lakhs for meeting the cost of the following staff and contingencies, for making a survey for laying out roads in the districts as under : (1) Agripada District, bounded on the north by Clerk Road, on the west by the B. B. & C. I. Railway, on the south by Bellasis and Clare Roads, and on the east by Haines Road ; (2) Mingut Mandli, bounded on the north by Elphinstone Road, on the east by Parel Road, on the south by Clerk Road and on the west by Haines and Warli Roads ; (3) Lower Mahim, bounded on the north by a line 500 feet to the north of the line running east to west through the Matunga Railway Station and parallel to that line, on the east by Naigam and Matunga Roads, on the south by Naigam Cross Road and Portuguese Church Street, and on the west by Mahim Bay :—

1 Surveyor at Rs. 100, Rs. 100 ; 2 Surveyors at Rs. 80 each, Rs. 160 ; 2 Surveyors at Rs. 70 each, 140 ; 15 Lascars at Rs. 10 each, 150, Rs. 550 ; for 6 months, Rs. 3,300 ; Railway fare and other contingent expenses, such as pegs, lines, &c., 300 ; total Rs. 3,600."

Carried.

No. 2533. *Resolved* : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 6926, dated this day."

Considered again memorandum No. 1047, dated 25th May 1889, from the Municipal Secretary, forwarding letter, dated 20th idem, to the President and Members of the Corporation, from Mr. Byramjee Dadabhoy Banajee, complaining of the want of drainage at Colaba Causeway and asking that the locality may be drained.

Read letter No. 6767, dated 15th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—With reference to the Standing Committee's Resolution No. 1095, dated 29th May last, I have the honour to inform you that the question of the drainage of Colaba is engaging my attention, and as soon as a scheme is formulated, it will be laid before the Standing Committee. Meanwhile I think it is absolutely necessary that a larger number of cesspool carts should be provided, and as to this I am awaiting the Health Officer's report.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Proposed by Fazulbhoy Visram, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 2534. "That the Corporation be recommended to inform Mr. Byramjee Dadabhai Banaji, that the question of the drainage of Colaba is engaging the attention of the Commissioner, and as soon as a scheme is formulated, it will be laid before the Standing Committee.

"The Standing Committee concur with the Commissioner, that until such drainage is provided, it will be necessary to employ a larger number of cesspool carts for the cleaning of the cesspools."

Carried.

No. 2535. *Resolved*: "That the following be referred to the Commissioner for favour of remarks :—Memorandum No. 2509, dated 12th instant, from the Municipal Secretary, forwarding petition to the Corporation, dated the same day, from Messrs. Aladin Currimji and five other Borah stall-holders at the Crawford Markets, complaining of enhanced stall rents demanded from them, and alleging that they have to suffer pecuniary loss."

No. 2536. *Resolved* : "That, in reply to his letter, dated 10th instant, regarding water supply to his chawl No. 390, Falkland Road, Mr. Murlidhar Cutcher be informed that his letter has been referred to the Commissioner for disposal."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 14th July 1889.*

No. 2537. *Resolved :* "That the following be *recorded* :—Memorandum No. 6499, dated 10th instant, from the Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 2148, dated 3rd idem, letter No. 1561 W., dated 12th ultimo, from the Acting Deputy Executive Engineer, Water Works, regarding the supply of water at the fire at Don Tad Street, Chukla, on 6th June 1889."

* *See* Appendix B.

Resolved: "That the following be *recorded*:—Memorandum from the Commissioner, forwarding return of fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888."

No. 2538.

Date.	Locality.	Nature of property destroyed.	Name of Owner.	Estimated Damage.	Cause of Fire.	Time at which the water was turned on to and supplied at Fire.
1889.						
July 6th at 5-30 A.M.	Lower Colaba ...	Cotton ...	Colaba Press Company.	Rs. 400 ...	The origin of fire is not yet known.	The water-supply was taken from a tank in the compound and not from the mains.
July 12th at 8-30 A.M.	Dhakji Purbhoo's Wadi.	Straw ...	Mr. Jairam Govind.	As. 12 ...	Carelessness while cooking.	Tank water used.

Read memorandum No. 6917, dated this day, from the Commissioner, forwarding lettter No. 1074, dated 13th idem, from the Chief Accountant on the subject of the proposed loan of Rs. 11,82,000 sanctioned by the Corporation from time to time.

Resolved: "That the consideration of memorandum No. 6917, dated this day, forwarding letter No. 1074, dated 13th idem, from the Chief Accountant, regarding the raising of the proposed loan of of Rs. 11,82,000 be deferred until next meeting, and that in the meantime a draft Resolution on the subject (including a list of loans already sanctioned), be prepared for submission to the Committee."

No. 2539.

With reference to the raising of the instalment of the Tansa Loan during the current year, it was—

Resolved : "That the Commissioner be recommended to advertise for tenders for the amount of the Tansa loan required during the current year, or to give intimation to the banks and leading brokers as he may think fit."

No. 2540.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Cowasjee Hormusjee, Esq.—.

"That, as applied for by the Commissioner in his letter No. 6922, dated this day, sanction be given to the transfer of Rs. 900, from the grant for the construction of the new Municipal building to the grant for contingencies to provide office furniture and surveying instruments for the Clerk of the Works, the contingencies Rs. 1,000 sanctioned by the Corporation in their Resolution No. 1306, dated 10th June 1889, for the current year being insufficient to meet this charge."

No. 2541.

Carried.

Resolved : "That, as applied for by the Commissioner in his memorandum No. 6925, dated this day, sanction be given to the transfer of Rupees three lakhs from different loan funds to the Municipal General Fund Pass Book, to meet payments to the Tansa Works contractors and others, up to 31st July 1889."

No. 2542.

Read the following :—

(*Times of India, 5th July* 1889.)

TO THE EDITOR OF THE TIMES OF INDIA.

"SIR,—Having read in your issue of to-day that the Vehar and Tulsi water contains a considerable amount of impurity, I write to point out that there might be better supervision of these lakes. I have frequently seen villagers, seven or eight at a time, washing themselves and their clothes in the water about knee-deep. Moreover they appeared surprised when told to desist on the ground that they were fouling the water which we in Bombay use for drinking and for which we have to pay." Breach Candy, *July* 4. L. K. HATCH, F.R.C.S.

Also letter No. 2256, dated 15th instant, to the Commissioner, from the Acting Deputy Executive Engineer, Water Works :—

SIR,—With reference to the letter of Dr. Hatch, which appeared in the *Times of India* journal of the 5th instant, on the subject of bathing and washing clothes in the Vehar and Tulsi Lakes, I have

honour to inform you that immediately I saw the article I made personal enquiries of the Lake Inspector, when he informed me that he had never on any occasion seen any person bathing or washing clothes in either of the lakes, and that moreover no case has been reported to him by the lake watchmen. Certainly since the 25th May last, I have very frequently visited the lake in connection with the waste weir improvement works going on there, and I have never seen an instance of the nature complained of, and the Surveyor employed on these works makes a similar statement. With the above information before me, I am considerably exercised to account for the seeming offences under review, unless they refer to isolated cases of casual visitors drinking water on the verge of the lake. In those cases the people do sometimes strain the water through a cloth to free it from vegetation before drinking it. As a matter of fact there is not the slightest necessity for alarm or doubt as regards the purity of the water supply, as all who visit these lakes and realize their extent and depth should know. Apart from the above considerations, however, I consider that the present strength of the patrolling staff is inadequate for the proper supervision of these lakes, and should be supplemented by a few constables furnished from the Thana Police force.

At present the lake supervision consists of one Inspector and 8 Lascars. Their duties are (1) to patrol the lakes, (2) take stray cattle to the pound, (3) and in the case of Tulsi to apprehend trespassers and people stealing fuel; (4) to work two boats one on each lake; (5) to record the rainfall at 6 gauges distributed over the lake gathering grounds; (6) to watch the catch-water channels for slips and to note the discharge.

Between the 24th March 1888 and 11th May 1889, 276 cattle were found trespassing and sent to pound.—I have, &c., C. E. HAWKES, Acting Deputy Executive Engineer in charge Water Works.

Also memorandum No. 6924, dated this day, from the Commissioner to the Municipal Secretary :—

Forwarded for the information of the Standing Committee with reference to a discussion at a recent meeting of the Committee. As the conversation which then took place was erroneously reported, I think it well to say that my remarks on that occasion were to the effect that I had then no information as to the particular circumstance beyond the letter in the newspaper, the accuracy of which I had no reason to question; that I had no reason to believe that cases of fouling the lake were of frequent occurrence, that in one or two cases action had been taken, and that I believed that the small staff of watchmen did their best considering the large area requiring attention.

To this I may now add, especially with reference to the Deputy Executive Engineer's report, that orders have been given for notices to be p[illegible]ted at intervals round the lakes, and that in my opinion it is des[illegible]ble that the Municipal officer in charge should be invested with the [illegible]owers of a Police Patel. Some such measure as this I consider of [illegible]eat importance, and similar arrangements will be desirable at Tansa. [illegible]he prevention of impurity the best safeguard will be in complete [illegible]tion—a subject to which I have already invited the attention of the [illegible]ommittee.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 2543. "That the Commissioner be recommended to apply to the Collector of Thana to invest the resident Municipal officers in charge of the Tulsi and Vehar storage reservoirs with the powers of Police Patels for the purpose of preserving the water in those reservoirs from being fouled."

Carried.

BOMBAY, 24*th July* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHUSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJEE BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the meeting held on the 17th instant, were signed.

No. 2806. *Resolved* : "That the following be *recorded*:—Memorandum No. 6912, dated 17th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,34,111-7-2 from (1) the Tansa Loan Deposit Account No. 1, Rs. 45,325-15-0 ; (2) ditto No. 2, Rs. 44,125-8-2 ; and (3) the Miscellaneous Works Loan of 1888-89 Deposit Account, Rs. 44,660, to the Municipal General Fund pass book, on the 8th, 9th and 13th instant."

No. 2807. *Resolved** : "That, as applied for by the Commissioner in his memorandum No. 6966, dated 17th instant, sanction be given, under Section 351 (2) of

* In reference to the above it was suggested during the course of discussion that some means should be adopted for making known to the public generally the requirments of the law in reference to the presentation of building plans, &c, &c.

the Municipal Act III. of 1888, to the removal of the following structure, built without permission :—

Name of Owner.	Where.
Mr. Tulsidas Karsondas ...	...Building at No. 62, Chaopati Road."

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 2808. "That, as applied for by the Commissioner in his memorandum No. 6960, dated 17th instant, the Corporation be recommended to sanction an arrangement with Mr. Moreshwar Rowji by which in exchange for the piece of Municipal land encroached upon by him, and shown in red colour on the tracing* attached and lying on the north-west of a public passage at Parel village, admeasuring 4 square yards, or thereabout, he gives up to the Corporation a plot of land of equal area and shown on the said tracing in green colour, situate on the north-west of Parel village main road opposite to house No. 1409, the land so transferred to the Corporation being required for the improvement of main road thereat."

Carried.

The seal of the Corporation was affixed to deeds of contract—

No. 2809. With Mr. Rahim Ebrahim Jamalani, for the supply of firewood for cremation of the dead bodies of Hindus during 1889-90 at Rs. 5 per khandi.

No. 2810. With Messrs. John Fleming & Co., for the supply of meter diagrams.

Resolved : No. 2811. "That, as proposed by the Commissioner in his letter No. 7245, dated 23rd instant, sanction be given to the acceptance by him of the tender of Messrs. Walsh, Lovett & Co., the lowest of four tenders received for the supply of four 8-ton steam rollers at Rs. 5,625 each, total Rs. 22,500, against the Budget grant of Rs. 25,000."

Resolved : No. 2812. "That sanction be given to the acceptance by the Commissioner of the tender of Messrs. Fakir Mahomed Babanbhoy & Co.,

* Filed in Supplement to Minute Books for 1889-90, marked A.

the lowest of 5 tenders received for paving footpaths during 1889-90 at the following schedule rates, *viz.*:—

Blue stone pavement flags set in 4" of concrete laid and dressed according to specification, including the removal of surplus materials at	Rs. 40 per 100 sq. ft.
Blue stone kerbing according to specification at...	As. 7 per 1 running foot.
Blue stone perforated at	Rs. 2-8 per 1 c. ft.
Rubble and lime masonry at	„ 16 „ 100 „
Blue stone medium-dressed all faces for drain openings at	„ 2 „ 1 „

Read the following :—

SUN FOUNDRY, GLASGOW, 27*th June* 1889.

THE CHAIRMAN OF THE BOMBAY MUNICIPALITY, BOMBAY.

SIR,—We are informed that on the 19th October 1887, Mr. Fred. Turner, the Manager at Bombay of the firm of Messrs. Walsh, Lovett & Co., acting under a power-of-attorney, dated 14th April 1886, tendered in our name to the Municipal Commissioner for the City of Bombay for the supply of cast-iron and zinc ventilating shafts and for cast-iron pipes and sundry fittings in respect of two contracts, the amount of one of which was Rs. 8,275 and the other Rs. 1,73,471. We are further informed that during the year succeeding the year 1887, goods have been delivered to the Municipal Commissioner in fulfilment of the tender. What strikes us as curious is that we only learned of this contract a few months ago, and after apparently all or the greater part of the goods had been delivered under it. We are manufacturers of cast-iron and zinc ventilating shafts and cast-iron pipes, but the goods in question were not made or delivered by us. We were naturally desirous of knowing how this came about, and we wrote to the Municipal Commissioner of the City of Bombay on 11th October 1888, and again on 3rd January 1889, making enquiries, but we can get no information. It seems to us that this is a matter which requires to be investigated and we report the matter to you that you may take what action you think proper in the circumstances.—Yours, &c.,

GEO. SMITH & Co.

No. 2783 OF 1889-90.

BOMBAY, 19*th July* 1889.

Forwarded to the Standing Committee, for favour of remarks as per Corporation's Resolution of 12th December 1887.

H. W. BARROW,
Municipal Secretary.

Proposed by Colonel Merewether, seconded by Kaikhosro N. Kabraji, Esq.—

No. 2813. "That the Corporation be recommended to inform Messrs. Geo Smith & Co., in reply to their letter, dated 27th June last, that the question of the supply of cast-iron and zinc ventilating shafts and of sundry cast-iron fittings referred to in that letter is one entirely between Messrs. Walsh, Lovett & Co., and Messrs. Geo. Smith & Co."

Carried.

Considered memorandum No. 7145, dated 20th instant, from the Commissioner, asking sanction, subject to the raising of necessary Loan, to the payment of an advance of Rs. 1,085-15-0, from Surplus Cash Balance, to meet the value calculated at 25 years' purchase, of the abatement of Government revenue on account of the land on the Flats lately taken under the Land Acquisition Act, from Mr. Byramjee Jeejeebhoy.

No. 2814. *Resolved* : "That the Corporation be recommended to sanction the payment of Rs. 1,085-15-0, being the value calculated at 25 years' purchase, of the abatement of Government revenue of land on the Flats taken up under the Land Acquisition Act from Mr. Byramjee Jeejeebhoy, C.S.I., for the disposal of Town sweepings. The charge to be paid as an advance from Cash Balance to be adjusted against the loan to be raised hereafter."

No. 2815. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 6949, dated 17th instant, sanction be given, under Section 172 of the Municipal Act III. of 1888, to the charging of Rs. 17-4-0 per mensem from 10th May 1889, for special Halalkhor service rendered to Messrs. Greaves, Cotton & Co., at No. 1, Forbes Street."

Considered draft Resolution prepared by the Commissioner on the subject of the proposed Loan of Rs. 11,82,000, as also of the question of Loans and Loan works generally.

Proposed by Major H. O. Selby, seconded by Thomas Blaney, Esq.—

"That the draft Resolution on the subject of loan charges now read be printed and circulated, and considered at the next meeting of the Standing Committee."

Carried.

No. 2816. *Ordered* : "That the following be laid on the table:—Letter, dated 20th instant, from Messrs. Ardaseer Framji Moos and Nanabhai R. Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for the month of June last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 21st July 1889.*

Read and *recorded* memorandum No. 7191, dated 22nd instant, from the Commissioner, forwarding return of fire as required under Section 364 of the City of Bombay Municipal Act III. of 1888 :—

Date.	Locality.	Nature of property destroyed.	Name of owner.	Estimated Damage.	Cause of Fire.	Time at which the water was turned on to and supplied at Fire.
1889. July 14th at 12 P.M.	Bapty Road.....	Bidi leaves	AkbarDadyMiya	Rs. 5	Badly constructed fire-place.	Water that was stored for domestic purposes was used.

* *See* Appendix B.

BOMBAY, 31*st July* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZALBHAI VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJI NOWROJI BANAJI, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the ACTING EXECUTIVE ENGINEER; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 24th instant, were signed.

No. 2839. *Resolved* : "That the following be *recorded* :—Memorandum No. 7250, dated 23rd instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the Miscellaneous Works' Loan of 1888-89 Deposit Account to the Municipal General Fund pass book, on the 15th instant."

No. 2840. *Resolved* : "That, in reply to his letter, dated 25th instant, regarding the rate for land taken up from him at Walkeshwar Road, Mr. Burjorjee Behramjee Engineer be informed that his letter has been referred to the Commissioner for remarks."

No. 2841. The seal of the Corporation was affixed to deeds of exchange between the Corporation and the David Mills Co., Limited, of 638·77 square yards of land, situate at Carroll Road. (In this case, the sanction was given in the name of Messrs. Sassoon J. David & Co.)

No. 2842. *Resolved* : "That, as applied for by the Commissioner in his letter No. 7744, dated this day, sanction be given to the substitution of 6′×6′×6′ water tanks for 4′×4′×4′ tanks provided in the Engineer's Budget for the current year under Section VI., Road watering."

No. 2843. *Resolved* : "That, as asked for by the Commissioner in his memoranda Nos. 7283 and 7284, dated 23rd instant, sanction be given, under Section 172 of the City of Bombay Municipal Act, 1888, to the charging of special halalkhor service as under : (1) the Jubilee Manu-

facturing Co., Limited, at Sewri, Rs. 74-6-0 per mensem, from 1st March 1889, and (2) Rs. 6-14-8 for 4 days, from 17th to 20th April 1889, both inclusive, for service at the bungalow occupied by H. H. the Thakor Saheb of Bhownuggar at Khumbala Hill."

No. 2844. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 7006, dated 18th instant, sanction be given, under Sections 211 and 517 (*j*) of the City of Bombay Municipal Act, 1888, to suits being filed in the Court of Small Causes, against Messrs. Mahomedbhoy Lalji, Fazulbhoy Lalji and Meheralibhai Lalji, heirs of the late Mr. Lalji Ladha, for the recovery of Rs. 121-4-10, on account of (1) property rate for the 2nd half of 1886-87 in respect of two houses (*a*) at Don Tad 3rd Row, Ward No. 2077 (2) Street Nos. 26-28, and (*b*) at Pydhowni Road, Ward No. 1044, Street Nos. 209-213 ; and (2) of wheel-tax for the 2nd quarter of 1886-87."

No. 2845. *Resolved* : "That the following be referred to the Commissioner for favor of remarks :—Letter, dated 18th instant, from Mr. N. M. Langrana (of Bandora), stating that, under the agreement between Government and the late Sir Jamsetjee Jejeebhoy (the first Baronet) all traffic over the "Lady Jamsetjee Causeway" and the "Bandora Hill Road" was exempted from payment of toll ; that consequently the levy by the Bandora Municipality from the Bombay Municipality of Rs. 1,200 per annum for toll on meat vans is an illegal procedure, and suggesting that Government should be moved in the matter."

No. 2846. *Resolved* : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 7674, dated this day."

With reference to memorandum No. 7686, dated this day, from the Commissioner, requesting the sanction of the Standing Committee, under Section 305 of the

City of Bombay Municipal Act, 1888, to the service of notices upon Mr. Bhimjee Hariram Joshi and six other owners of houses fronting or adjoining or abutting on the private street which runs east from Parel Chal Road and to the north of the tank opposite the end of Arthur Road to level, metal or pave, sewer, drain, channel and light the said street, it was—

No. 2847. *Resolved* : "That the papers be circulated and the discussion postponed."

Considered the Progress Reports, up to the end of June 1889, of new works now in course of construction.*

No. 2848. *Resolved* : "That the Progress Reports, up to the end of June 1889, of new works now in course of construction, be *recorded*."

Read draft resolution on the subject of the raising of Loans which after discussion was adopted as below :—

Proposed by Major H. O. Selby, and seconded by Thomas Blaney, Esq., and *carried*—

No. 2849. "That, consequent on the refusal of the Government of India, as per their Resolutions Nos. 4937, dated 7th September 1888 (Finance and Commerce), and 217 of 10th November 1888 (Home Department), to sanction the raising of a Loan for carrying out the works marginally noted, and inasmuch as one of them, namely, 'New Ward Office, at Dadur, Rs. 16,000,' (actual cost Rs. 14,140) and a

A.	Works already considered by the Corporation—			
	1. Land for chawls for the bigaries who clean the Arthur Crawford Markets	Rs.	16,000 0 0	
	Building the chawls	„	6,700 0 0	
				Rs. 22,700 0 0
	2. New Ward Office at Dadur			„ 16,000 0 0
	3. (*a*) Purchase of 5,000 sq. yds. of land near the Junction of DeLisle and Carroll Roads for a Night-Soil Depôt.....	Rs.	5,000 0 0	
		„	2,247 4 0	
		Rs.	7,247 4 0	
	(*b*) Filling in the above land	„	6,503 0 0	
				„ 13,750 4 0
	4. Purchase of 11,838 square yards of land at DeLisle and Carroll Roads.....			„ 23,676 0 0
				Rs. 76,126 4 0
B.	Work considered and sanctioned by the Corporation, but the sanction for which was subsequently cancelled—Purchase of land at Khetwady for epidemic diseases.....			„ 67,000 0 0
C.	Work to be finally considered by the Corporation, Vaccination Depôt and Stables			„ 25,000 0 0
D.	Difference to make up the full amount of the Loan to Rs. 11,82,000			„ 4,991 12 0
				Rs. 1,73,118 0 0

* *See* Appendix C.

portion of another, *viz.*, the 'purchase of 5,000 square yards of land near the junction of DeLisle and Carroll Roads for site of a night-soil Depôt, Rs. 7,247-4-0,' have already been executed out of funds advanced from current Cash Balance in accordance with Resolutions of the Corporation, Nos. 645 and 653, dated 25th April 1888, the Standing Committee recommend the Corporation to sanction the debit of this expenditure to the Surplus Cash Balance of the current year, subject, however, to a subsequent re-adjustment of these amounts in the event of the Government of India modifying their present decision.

"2. That, with reference to the Government Resolutions already quoted, the Corporation be recommended to address a further representation to the Government of India, protesting against the injustice of throwing the burden of such charges as these exclusively upon current revenue, and especially of debiting such revenue with the cost of road extension, of which there is such urgent need in this rapidly growing city, and which, if properly carried out, cannot fail to be remunerative.

"3. That Government be informed of the reasons which led the Corporation to adopt the limit of Rs. 10,000 for public works chargeable to current revenue.

"4. That, in the opinion of the Standing Committee, no restrictions should be placed on the Corporation in the matter of borrowing, other than those prescribed by Section 109 of the City of Bombay Municipal Act, and that consequently the Corporation should be left free to borrow in the most advantageous market, wherever it may be.

"5. That, so far as regards the term of years for which any loan is required, the Municipality should enjoy not less liberty than has been accorded to all large cities in England, and that, in the matter of publication and other formalities, they should not be compelled to adopt the procedure prescribed by the Local Authorities Loan Act which is not applicable to the Presidency towns.

"6. That the Corporation be recommended to direct any Committee they may appoint to draw up the representation to Government to consider if it be desirable to have any classsification of loan works, or that loans should be for different periods.

"7. That, in the opinion of the Committee, not more than one application should be made to Government for Loan sanctions in any one year, and that this application embracing all loans which the Corporation may desire to raise should be submitted as soon after the 1st April in each year as possible. The application whilst describing the works for which the Loan is required should be for a lump sum, full latitude

being left to the Municipality to make such adjustments between one object of expenditure and another as may be found necessary, as it has been found, especially in the acquisition of land, that no accurate estimate can be arrived at beforehand with any certainty.

"8. That, whereas the Corporation have sanctioned grants out of Loan Funds of one lakh and one-and-a-half lakhs respectively for the acquisition of ground on the Flats for the deposit of town sweepings and for the Bhuleshwar Market extension and road improvement in that vicinity; and whereas the former will cost not less than two lakhs and the latter not much less than four lakhs, the Corporation be recommended to supplement the grants for these two works accordingly and to sanction the necessary amendment of the application now to be made to Government for the raising of a loan to cover these grants."

In accordance with notice of motion, it was—

Proposed by Thomas Blaney, Esq.—

No. 2850. "That the Municipal Commissioner be requested to furnish the Standing Committee with a return of all houses or portions of houses that have fallen since the 1st of June last, showing—1. The locality, street, and number; 2. The owner's name; 3. Description of the building, such as whether private residence, chall, stable, and number of storeys; 4. Date of erection; 5. Date of falling; 6. Cause of fall; 7. Person injured or killed, and estimated loss of the fall. And that a similar return be furnished weekly in future, when houses or portions of houses are reported to have fallen."

The Chairman seconded the motion which was *carried*.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 28th July 1889.*

No. 2851. It was agreed that the correspondence regarding the water rate on the Port Trust properties, forwarded by the Commissioner under his memo-

* *See* Appendix B.

randum No. 7675, dated this day, be circulated and that the consideration of the same be postponed.

Resolved: "That, as recommended by the Commissioner, in his memorandum No. 7629, dated 30th instant, sanction be given to the payment of principal and interest to Sir Stuart Hogg of two Bombay Municipal House Rate Loan Debentures Nos. 1859 and 1860, the term of which Loan has already expired.

No. 2852.

"That such payment be made, subject to Sir Stuart Hogg giving an indemnity bond signed by himself and two approved sureties for the amount of the debentures and interest, and paying all the advertisement and other incidental charges.

"That, in accordance with the rules laid down by the Government of India in similar cases, the said principal be not paid until after the expiration of 6 years from the date when the said bonds were repayable."

Considered the following :—

Letter No. 1173, dated 27th instant, to the Commissioner, as under :—

SIR,—I have the honour to forward for transmission to the Standing Committee a quarterly return for the quarter ending 29th June 1889, as compared with the corresponding quarter for the previous year as required by the then Town Council's resolution No. 465 of 1st June 1887. No additional grants have been sanctioned by the Corporation during the quarter. I have already reported in my Nos. 3135 of 21st January 1889, and 381 of 7th May 1889, that the surplus Cash Balance up to June 1888, together with all further estimated surplus receipts up to October 1888, had been appropriated in the Budget for the current year. I am unable to state until the accounts of the past year are finally closed what the further surplus that has accrued since November 1888 will amount to after meeting the subsequently sanctioned additional grants.—I have, &c.,

SORABJI NAVAROJI COOPER, Chief Accountant.

ACCOUNT OF THE BOMBAY MUNICIPALITY

As contrasted with that for the

	Budget Estimate.	Quarter ending 30th June 1888.	Quarter ending 29th June 1889.	Total.
RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Opening Balance	4,50,000 0 0	1,24,789 14 0	61,088 1 6	
General Tax	16,15,000 0 0	4,98,905 12 9	3,56,738 15 10	
Water Works Revenue (including water tax) ...	9,55,750 0 0	2,42,791 9 5	2,06,423 2 1	
Conveyance Licenses ...	13,200 0 0	.....	10,707 13 8	
„ Wheel Tax ...	3,30,200 0 0	1,13,301 4 0	1,45,010 13 0	
„ Tolls Fees ...	13,700 0 0	3,775 12 0	4,101 10 0	
Halalkhor Tax	3,93,000 0 0	1,30,574 3 3	1,13,928 12 0	
Duties, Town...	6,70,000 0 0	1,99,145 5 6	1,77,068 2 0	
„ Tobacco	1,83,000 0 0	49,810 0 0	45,650 0 0	
„ Liquor Licenses ...	1,43,750 0 0	1,43,750 0 0	1,43,750 0 0	
Market Receipts	3,10,900 0 0	72,728 11 2	76,800 0 4	
Miscellaneous Fees	94,700 0 0	26,877 6 4	18,222 2 8	
„ Receipts ...	80,000 0 0	58,781 5 10	19,109 11 2	
„ Fines... ...	8,000 0 0	2,523 2 0	2,067 3 5	
„ Savings ...	†3,000 0 0	†1,453 3 2	807 3 9	
Public Gardens	8,000 0 0	1,178 5 6	1,866 2 6	
Contribution from Municipal servants towards Pension, &c., Fund	12,000 0 0	3,263 8 4	3,182 13 6	
Fire Insurance Companies...	.....	13,632 0 0	.....	
Tramway Rent	36,000 0 0	18,096 1 11	18,096 1 11	
Interest on Investments ...	50,000 0 0	.....	7,911 3 4	
	49,20,200 0 0	15,77,681 4 10	13,49,827 7 8	
Debt	.....	6,00,000 0 0	.....	
Bank of Bombay Loan and other Deposit Accounts ...	.....	9,97,712 8 0	12,63,100 0 0	
Workshops	.....	122 7 6	759 6 10	
Advances	.....	51,064 9 6	1,50,603 4 5	
Deposits	.....	2,18,747 5 2	99,694 4 11	
Rupees ...	49,20,200 0 0	34,45,328 3 0	28,63,984 7 10	
Total Rupees...	53,70,200 0 0	35,70,118 1 0	29,25,072 9 4	

† Debits deducted.

FOR THE QUARTER ENDING 29TH JUNE 1889

Quarter ending 30th June 1888.

	Budget Estimate.	Quarter ending 30th June 1888.	Quarter ending 29th June 1889.	TOTAL.
DISBURSEMENTS	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Superintendence	1,79,537 0 0	34,885 12 11	37,820 8 3	
Assessment and Collection Department	1,95,353 0 0	43,683 4 4	38,968 1 3	
General Police (including Police Hospital)	2,58,289 0 0	65,337 1 9	64,571 5 9	
Fire Brigade...	86,738 0 0	9,977 2 6	12,969 15 7	
Health Department... ...	12,84,257 0 0	2,35,816 1·11	2,57,520 9 7	
Public Works. Establishment	1,14,684 0 0	25,085 9 3	25,177 0 1	
Public Works. Lighting	3,12,104 0 0	72,372 10 0	71,311 14 4	
Public Works. Watering	87,063 0 0	21,006 3 6	15,980 4 6	
Public Works. Repairs, Roads... ...	4,64,976 0 0	84,608 4 3	60,280 9 8	
Public Works. Street Improvements...	1,00,000 0 0	5,911 7 6	2,830 9 0	
Public Works. Cleaning, Lighting and Repairing Port Trust Wharves	25,000 0 0	.....	.....	
Public Works. Repairs, Buildings ...	6,000 0 0	150 0 0	136 10 8	
Public Works. Water Works	1,60,732 0 0	†3,41,391 0 9	‡3,31,866 9 7	
Public Works. Drainage	1,01,651 0 0	15,612 0 7	17,964 14 9	
Public Works. Public Gardens ...	60,375 0 0	5,143 12 9	6,337 10 5	
New Works and Reserve Funds, &c....	1,24,000 0 0	11,562 4 2	18,259 2 10	
Miscellaneous (including Contributions to Hospitals, &c.)	1,03,408 0 0	22,512 14 9	27,977 0 3	
Education (including Veterinary College, &c., Contribution)	58,061 0 0	6,982 9 8	23,890 15 2	
Debt	15,20,928 0 0	A11,77,089 14 3	2,16,389 6 6	
	52,43,156 0 0	21,79,128 2 10	12,30,253 4 2	
Bank of Bombay Loan and other Deposit Accounts ...	.....	6,72,100 0 0	10,01,011 3 4	
Loan Works Accounts ...	.....	6,669 2 11	2,34,803 14 2	
Workshops	.....	14,407 8 10	16,082 2 8	
Advances	.....	4,52,841 4 10	2,10,386 1 7	
Deposits	.....	1,45,867 10 11	1,40,712 1 11	
Rupees...	52,43,156 0 0	34,71,013 14 4	28,33,248 11 10	
Closing Balance	.....	99,104 2 8	91,823 13 6	
Estimated Balance on 31st March 1890...	1,27,044 0 0	.....	.....	
Total Rupees...	53,70,200 0 0	35,70,118 1 0	29,25,072 9 4	

† Includes Rs. 8,06,940-13-6 paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works executed out of Loan Funds.

‡ Includes a net sum of Rs. 2,97,065-4-6 paid to date on account of Tansa, Tulsi, Bhandarwada and Vehar and other Water Works and investments of surplus Tansa Loan and Interest Funds.

A. Includes Rs. 9,81,000 paid to date in reduction of the Market and House Rate Loan out of the Sinking Fund.

Memorandum No. 7685, dated this day, as follows :—

Submitted to the Standing Committee for information.

E. C. K. OLLIVANT, Commissioner.

No. 2853. *Resolved* : " That the return for the quarter ending 29th June 1889, showing the income and expenditure for the quarter, as compared with the corresponding quarter of the previous year, forwarded with the Commissioner's memorandum No. 7685, dated this day, be *recorded*."

Proposed by Javerilal U. Yajnik Esq., seconded by Dosabhai Framji, Esq.—

No. 2854. " That sanction be given, under Rule VI., clause (*c*), of the Pension Fund Rules, Section (C), Chapter I, of the Municipal By-Laws, to the payment of a pension to Mr. Sadanand Harichandji, Clerk Municipal Corporation and Standing Committee office, at the rate of Rs. 27-2-8, the exact amount being subject to verification and to be calculated on the average emoluments of the pensioner during the 5 years from March 1867 to February 1872."

Carried.

BOMBAY, *7th August* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman.*

THOMAS BLANEY, Esq. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOROWJEE BANAJEE, Esq. ; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 31st ultimo, were signed.

No. 2885. *Resolved* : "That the following be *recorded* :—Memorandum No. 7899, dated 5th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the Miscellaneous Work Loan of 1888-89 deposit account, to the Municipal general fund pass book, on the 1st instant."

No. 2886. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 8056, dated this day, sanction be given, under Section 351 (2) of

the City of Bombay Municipal Act, 1888, to the removal of the following structure, built without permission :—

Name of Owner.	Where.
Hadji Ebrahim Jakeria ...	Structure at No. 73, Old Nagpada Street."

Resolved : " That, under the circumstances mentioned in the Acting Executive Engineer's letter No. 7910 B, dated 6th instant, and as applied for by the Commissioner, in his memorandum No. 8054, dated this day, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Husenally Mula Hakimji, on a site to the west of the Ripon Road, shown on yellow colour on the tracing* marked A, dated this day, as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 2887.

A deed of conveyance sealed with the seal of the Corporation as per Standing Committee's Resolution No. 722, dated 16th May 1889, was now, on the application of the Acting Executive Engineer (made through the Commissioner), cancelled, and the seal was affixed to deed of conveyance, from Mr. Rahimbhai Abdulabhai, of ground taken up for the improvement of Sheik Memon Street. (The Acting Executive Engineer in his letter to the Commissioner, No. 7832, dated 5th instant, states that 5·58 square yards of ground only were taken up in this case, being ·22 square yard less than the area 5·80 square yards, sanctioned by the late Town Council in their Resolution No. 370, dated 18th April 1888, and that the names of Messrs. Bakerbhai Abdulbhai and Rahimbhai Abdulbhai were entered in his office through an oversight instead of the name of Mr. Rahimtula Abdulbhai alone in the deed of conveyance sealed on 16th May 1889.

No. 2888.

The seal was also fixed to 29 renewals of old bonds of the Drainage Loan of 1878, Nos. 1126 to 1138, both inclusive, 1505 and 1514 of Rs. 500 each, and of Consolidated debentures of the same Loan Nos. 703/6 and 918/21 of Rs. 2,000 each, No. 992/94 of Rs. 1,500, Nos. 898/907 both inclusive, 908/917 ditto, 974/983 ditto, 984/993 ditto, 994/1003 ditto, 1076/1085 ditto, 1086/1095 ditto, 1096/1105 ditto, 1106/1115 ditto, 1116/1125 ditto, of Rs. 5,000 each, and 1512/13, of Rs. 1,000.

No. 2889.

* Filed in Supplement to Minute Books for 1889-90 marked A.

Resolved: "That the following be *recorded*:—

No. 2890. *Letter No. 7880*, dated 3rd instant, from the Commissioner, reporting that he has accepted the highest offers received at a public auction of the right of cutting grass and tapping cocoanut trees as per following statement:—

LIST of rights sold by public auction held in the Executive Engineer's Department on the 24th July 1889.

Consecutive Number.	Nature of right.	As sold during 1888-89.			As proposed to be sold during 1889-90.			Remarks.
		Period for which sold.	Sold to	Amount for which sold.	Period for which sold.	Name of the highest bidder.	Amount of the highest bid.	
				Rs. a. p.			Rs. a. p.	
1	Tapping cocoanut trees in the compound of the D Ward office, Gamdevi Road, and gathering fruit from them.	For 12 months from 1st Aug. 1888.	Rama Vishram.....	150 0 0	For one year from 1st Aug. 1889 to 31st July 1890.	Keshow Daji.....	70 0 0	
2	Tapping date trees on Warli Road and Municipal ground at the Love Grove Pumping Station and palm trees in the compound of Mr. Varjiwandas Madhavdas' Bungalow at Warli.	Do.	Hormusji Pallonji..	65 0 0	Do.	Deoji Nagar	11 0 0	
3	To cut grass from Municipal ground near the south side footpath of the Bellasis Road.	...	Not sold.	.....	For 8 months from 1st Aug. 1889.	Malhari Rowji.....	18 0 0	
4	To cut grass from the Municipal ground near the footpath on the east side of the Arthur Road.	...	Do.	.....	Do.	Daku Hamsari	9 0 0	
5	To cut grass from the Agripada open drain from Agripada Milch Cattle Stable, Arthur Road culvert.	...	Do.	.....	Do.	Malhar Ramji	9 0 0	
6	To cut grass from the Municipal land between Wadi Bunder Road, the G. I. P. Railway Company's compound and Hancock Bridge.	15 days.	Tukaram Kushowji	8 8 0	Do.	Sheikh Umar	5 0 0	Offer received after the auction.
						Total...Rs.	122 0 0	

No. 2891. With reference to the application made by the Commissioner, in his memorandum No. 7943, dated 5th instant, for approval to the issuing of an order in writing, authorising Mr. Kanji Shama, to carry a drain from his house in Falkland Road Cross Lane, into, through or under the land belonging to Mr. Laka Rama, it was agreed that the consideration of the same be postponed till next week, in order that it may be ascertained whether the Municipal authorities are satisfied that, with reasonable care, no damage will be done by the proposed work to the adjoining houses.

No. 2892. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 7778, dated 1st instant, sanction be given, under Section 172 of the City of Bombay Municipal Act, 1888, to the charging of special halalkhor service as under :—(1) St. Mary's College, Nesbit Road, at Rs. 17-4-0 per mensem, from the 18th June 1889. (2). Jewish Synagogue School, Parel Road, at Rs. 17-4-0 per mensem from the 1st June 1889."

No 2893. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 8012, dated 6th instant, sanction be given to the transfer of Rs. 136, from savings in Section II., office establishment and Section IV., contingencies, Assessment and Collection Department Budget, to Section III., Ward Inspection Offices, same Budget, to meet the cost of acting arrangements made during the absence of Mr. Rustamji N. Coyaji, Superintendent, A ward, on privilege leave for three months, from 22nd July 1889."

Resolved: "That the following be approved and *recorded*:—Report made by the Secretary that he proposes to destroy and sell certain useless and obsolete papers, such as draft agenda papers, draft minutes and duplicate bills for printing, &c., except such bills as relate to the last three years."

No. 2894. *Resolved* : "That sanction be given to the following arrangements in the office of the Corporation and Standing Committee:—

"(1). To the entertainment of the services of Mr. Shantaram Pandurang as *sub pro. tem*, Fourth Clerk, on a salary of Rs. 45 per mensem, from 1st July 1889.

"(2). To the employment of Mukund Gunaji as substitute for Tanu Ramji, havildar, for 3 days, from 18th to 20th July 1889, at Rs. 13 per mensem.

"(3). To the appointment of Peon Hari Suryaji as havildar from 22nd July 1889, in place of Tanu Ramji, deceased.

"(4). To the employment of Keshav Babaji as substitute for Ahmed Bapu, peon, for 1 day, 22nd July 1889, at Rs. 10 per mensem.

"(5). To the appointment of Vishram Bhau as *sub pro. tem.* peon at Rs. 10 per mensem, from 22nd July 1889.

"That the Secretary be authorised to employ substitutes for clerks and peons whenever necessary and to prescribe the duties of the clerks and servants in his office."

The consideration of the following was further postponed to allow of the completion of the circulation of papers:—

(1). Memorandum No. 7686, dated 31st July 1889, from the Commissioner, asking sanction, under Section 305 of the City of Bombay Municipal Act, 1888, to the service of notices on Mr. Bhimji Hariram Joshi and six other owners of houses fronting or adjoining or abutting on the private street running east from Parel Road and to the north of the tank opposite the end of Arthur Road, requiring them to level, metal or pave, sewer, drain, channel and light the said street.

(2). Memorandum No. 7675, dated 31st July 1889, from the Commissioner, submitting correspondence regarding the water rate in respect of the Port Trust properties.

Read memorandum No. 7898, dated 5th instant, from the Commissioner, forwarding copy of Government Resolution No. 3116, General Department, dated 3rd idem, as under :—

Letter from the Municipal Commissioner for the City of Bombay, No. 6030, dated 3rd July 1889 :—

"I have the honour to request on behalf of the Municipal Corporation of Bombay under Act III of 1888, the favour of the sanction of Government to the raising of a loan of Rs. 25,00,000 from the public, being a portion of the estimated cost of Tánsa Waterworks, *viz.*, Rs. 1,23,00,000, full details of which have already been furnished to Government.

"2. The accompanying statement gives the particulars required by Rule 5 of the rules relating to loans so raised.

"3. The period for which the loan is required is stated as being forty years, in obedience to the decision of the Government of India and the Secretary of State, and the periods for repayment have been made to correspond. But I must add that, as far as the Corporation are concerned, it is still their wish that the whole of the Tansa Loan should be for 60 years."

Letter from the Accountant General, No. A. C.—12228, dated 17th July 1889—Stating, in reply to Government memorandum No. 2692, dated 10th idem. that the application has been framed in accordance with the rules for the raising of loans and that in the Statement C accompanying the application, the balances of Government loans outstanding against the Municipality on 31st March 1888, have been correctly shown.

Letter from the Municipal Commissioner for the City of Bombay, No. 7416, dated 25th July 1889 :—

"In reply to your memorandum No. 2902, dated 23rd instant, I have the honour to observe that the rules in question are not as a matter of fact applicable to loans raised under section 109 of the City of Bombay Municipal Act of 1888, but are rules avowedly published under the Local Authorities Loan Act, which expressly excludes [section 8 (*a*)] the Presidency towns having borrowing powers of their own. Certain restrictions as to borrowing are imposed by section 109 of the City of Bombay Municipal Act, and it would manifestly be unfair both to place this Corporation under the special restrictions of its own Act and at the same time to subject them to the general conditions affecting other local bodies which have no such special restrictions.

"2. In the present case moreover I trust that Government will bear in mind the fact that the application is in respect merely of an *instalment* of a loan for a project which as a whole has been fully considered and approved both by the Bombay Government and the Government of India. There cannot be any new facts either as to the project itself or the security on which the loan is raised to submit either to Government or the Public, and it should alone be sufficient to mention that municipal taxation is still at the minimum rates prescribed by law. A delay of one month might prejudice the Corporation in availing itself of the best opportunity for raising the money on favourable terms.

"3. As regards the manner in which the period of forty years is to be calculated, I may remind Government that from the first the period of repayment has been calculated from the assumed date of completion of the work. This was explained in my letter* submitting the project and the course adopted has received the sanction† of Government in respect of each of the three instalments already raised."

* No. 9290, dated 19th October 1885.
† Government Resolution No. 1980, dated 31st May 1886.
Government Resolution No. 2876, dated 21st September 1887.
Government Resolution No. 3978, dated 21st July 1888. (Government of India).

RESOLUTION.—The Municipal Commissioner for the City of Bombay should be informed, with reference to paragraph 1 of his letter No. 7416, dated 25th July 1889, that the City of Bombay Municipal Act does not prescribe any procedure in respect of the form and mode of application for approval of loans to be raised under section 109 of that enactment and that Government therefore, bearing in mind the instructions contained in the paragraph 9 of the Government of India's Notification No. 16, dated 1st January 1889, directed in their Resolution No. 1785, dated 8th May last, that the procedure laid down by the rules under the Local Authorities Loan Act, 1879, should be followed in all such cases. He should further be informed that the section of the Local Authorities Loan Act quoted by him does not exempt bodies like the Municipal Corporation of Bombay, which have borrowing powers conferred on them by special enactments, from the operation of the rules framed under the Act so far as the procedure for the submission and consideration of applications for approval of loans is concerned.

2. With reference to paragraph 2 of his letter, Mr. Ollivant should be informed that though the Tansa Water-works scheme has as a whole received the approval of this Government and of the Government of India, the specific sanction of that Government is clearly necessary to raise each instalment of the loan and such sanction has, in the case of all previous instalments, been obtained.

3. The explanation given in paragraph 3 of Mr. Ollivant's letter, as regards the manner in which the period of forty years is to be calculated, is satisfactory and he may proceed to publish the application in the *Bombay Government Gazette*, but in view of the facts stated in paragraph 2 of Government memorandum No. 2902, dated 23rd July 1889, he should be asked to change the dates for the raising of instalments mentioned in paragraph 5 of the statement of particulars appended to the application.

J. DEC. ATKINS,
Acting Under Secretary to Government.

To

The Municipal Commissioner for the City of Bombay (with a request that one month after the date of Publication of the application in the *Government Gazette*, he will be so good as to report whether any objections to the raising of the loan have been received by him).

No. 2895.

Resolved: "That, in recording the following, the Standing Committee express the opinion that the Commissioner should take Counsel's opinion as to whether the Local Authorities Loan Act or any of the Rules framed thereunder, can in any way affect the borrowing powers possessed by the Municipality under their Act of 1888, or whether the Corporation need be

bound by any procedure laid down in any rules framed under the Local Authorities Loan Act:—

"Memorandum No. 7898, dated 5th instant, from the Commissioner, forwarding, for the information of the Committee, Government Resolution on the subject of the raising of the instalment of Rs. 25,00,000 of the Tansa Loan."

No. 2896. *Resolved*: "That the Corporation be informed with reference to its Resolution No. 931, dated 20th May 1889, that the return of Budget transfers, sanctioned by the Standing Committee will in future be presented in the following form:—

"*Statement of Budget Transfers sanctioned by the Standing Committee up to*_____ *under Section* 133 *of the City of Bombay Municipal Act* III. *of* 1888.

TRANSFER FROM							TRANSFER TO						
Department.	Head and sub-heads.	Budgetted Amount for the year.	Amount expended to date.	Savings to date.	Total Savings to date.	Reasons of Savings.	Department.	Head and sub-heads.	Budgetted Amount for the year.	Amount expended to date.	Excess over Budgetted Amount to date.	Total Excess over Budgetted Amount to date.	Reasons of Excess Expenditure.

No. 2897. *Resolved*: "That, in reply to his letter, dated 31st ultimo, regarding the sale or lease of the Naigam Tank, Mr. Khanderao Amrut Mogara be informed that his letter has been forwarded to the Commissioner for remarks."

Proposed by Colonel G. L. C. Merewether, seconded by Fazulbhoy Visram, Esq.—

No. 2898. "That sanction be given to the charging of the rates as per the list accompanying the Commissioner's letter No. 8011, dated 6th instant, for the sale to the public, or for use for Municipal purposes, of water pipes and other fittings kept in the Water Works Stores."

Carried.

Resolved: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 8059, dated this day." No. 2899.

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 4th August 1889.*

The following return was read and *recorded*:—

Return of fires at Elphinstone Road and Colaba, forwarded with the Commissioner's memorandum No. 7647, dated 30th July 1889.†

BOMBAY, 14*th August* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the ACTING EXECUTIVE ENGINEER; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 7th instant, were signed.

Resolved: "That the following be *recorded*:—Memorandum No. 8316, dated 13th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the Miscellaneous Works Loan of 1888-89 Deposit Account, to the Municipal General Fund pass book, on the 7th instant." No. 2999.

Resolved: "That, as applied for by the Commissioner in his memoranda Nos. 8051, 8052, 8053, 8055, 8057 and 8326, dated 7th instant and this day, respectively, sanction be given, under Section 351(2) of the City of Bombay Municipal Act III. of 1888, to the removal of the following structures, built without permission:— No. 3000.

Name of Owner.	Where.
Shri Lashkerilalji Maharaj Nagindas Harjivandas.	Building at Nos. 37-39, Bhoewada 3rd Street.
Mr. Harikison Ramnarayan ...	Ditto at Nos. 57-59, Bhoewada 2nd Street.
Mr. Kallianji Premji	Ditto at Nos. 27-29, Borah Street, Colaba.
Bai Rambai, widow of Kanji Chatur	Ditto at No. 4, Bhoewada 2nd Street.
Mr. Hansraj Gangji	Ditto at Nos. 1-7, Samuel Street.
Mr. Govindji Ladha	Ditto at No. 12, Dariasthan Street."

* *See* Appendix B. † *See* Appendix D.

Resolved: "That, as proposed by the Commissioner in his letter No. 8340, dated this day, the Corporation be recommended to sanction the sale, to the Jamshed Manufacturing Company, Limited, of 54·44 square yards, or thereabout, of Municipal land situate at Fergusson Road, shown in red colour on the tracing* marked A, dated this day, at Rs. 6 per square yard."

No. 3001.

Considered again letter, dated 1st ultimo, from Mr. Javerchand Gumanchand, objecting to the rate of Rs. 3 per square yard, offered for the land taken up for the improvement of Walkeshwar Road, and asking that he may be paid Rs. 8 per yard.

Also memorandum No. 7944, dated 5th instant, from the Commissioner, stating that, having regard to the Chief Presidency Magistrate's decision in the case of adjacent land, he proposes to pay compensation at the rate of Rs. 8 per square yard.

Resolved: "That, as recommended by the Commissioner in his memorandum No. 7944, dated 5th instant, the rate fixed by the late Town Council, in their Resolution No. 2045, dated 24th March 1886, for the 135·92 square yards, or thereabout, of ground taken up from Mr. Javerchund Gumanchand for the improvement of Walkeshwar Road, be increased from Rs. 3 to Rs. 8 per yard.

No. 3002.

"That, in reply to his letter, dated 1st ultimo, Mr. Javerchand Gumanchand be informed accordingly."

Considered again letter, dated 10th ultimo, from Hadji Usman Haji Chotani, returning the draft conveyance of land taken up for the improvement of Dhunji Street, and stating that, unless he is paid Rs. 8 per yard, and compensation for the compound wall and trees standing on the ground so taken up, he will not sign the document.

Also memorandum No. 8198, dated 9th instant, from the Commissioner, forwarding copy of the Acting Executive Engineer's report No. 7649 B, dated 31st ultimo, as follows:—"The applicant is not entitled to a higher rate than Rs. 5 per square yard which has been offered to him as already reported under this office No. 10259B of 19th November 1888. The rate of Rs. 8 per square yard paid to Mr. Kikabhoy Samsoodin was for much more valuable land

* Filed in Supplement to Minute Books for 1889-90, marked A.

situate at the junction of Grant Road and Chunam Kiln Road. The applicant is not entitled to any compensation for the compound wall, as the present building could not have been built without pulling it down. There cannot have been any trees on the ground taken up for street improvement as the width is only 18 inches, including the thickness of the compound wall."

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji Bhawanidas Barbhaya, Esq.—

"That, in reply to his letter, dated 10th ultimo, Hadji Usman Hadji Chotani be informed—(1) That he is not entitled to a higher rate than the Rs. 5 per square yard offered to him for the land taken up for the improvement of Dhunji Street; (2) That he is not entitled to any compensation for the compound wall, as the present building could not have been built without pulling it down; (3) that the claim for value of trees is not admissible as the width of the land taken up was only 18 inches, including the thickness of the compound wall." No. 3003.

Amendment, moved by Thomas Blaney, Esq.—

"That Rs. 8 per square yard be paid for the land in question."

Not seconded.

The original motion was then *carried* by 6 votes *against* 1.

The seal of the Corporation was affixed to deeds of conveyance—

From Mr. Abdul Tyub Futah Ali, of ground taken up for the improvement line of Matharpakadi Road. No. 3004.

From Mr. Poonja Bhanji, of ground taken up for the improvement line of Bhandari Street. No. 3005.

From Messrs. Valabhdas Bhagwandas and Jewandas Bhagwandas, of ground taken up for the improvement line of Dariasthan Street. (The Acting Executive Engineer, in his letter No. 8140B, dated 9th instant, to the Commissioner, states that 22·68 square yards of ground only were taken up in this case, being 6·32 square yards less than the area, 29 square yards, sanctioned by the late Town Council, on the 14th December 1887: and that Messrs. Vulabhdas Bhagwandas and No. 3006.

Jewandas Bhagwandas are the proper persons to receive compensation in this case, not Matoobai, widow of Cooverji Chapsi, in whose name sanction to the taking up of the ground was given by the Council on the last mentioned date.)

Proposed by G. L. C. Merewether, seconded by E. B. Carroll, Esq.—

No. 3007. "That, as applied for by the Commissioner in his memorandum No. 7943, dated 5th instant, the Standing Committee hereby approve of his issuing an order in writing, under the terms of Section 230 of the City of Bombay Municipal Act, 1888, authorising Mr. Kanji Shama, to carry a drain from his house in Falkland Road Cross Lane into, through or under the land belonging to Mr. Laka Rama, to the Municipal drain in that cross lane."

Carried.

The consideration of the following was further postponed to allow of the completion of the circulation of papers :—Memorandum No. 7686, dated 31st ultimo, from the Commissioner, asking sanction, under Section 305 of the City of Bombay Municipal Act, 1888, to the service of notices on Mr. Bhimji Hariram Joshi and six other owners of houses fronting or adjoining or abutting on the private street running east from Parel Road and to the north of the tank opposite the end of Arthur Road, requiring them to level, metal or pave, sewer, drain, channel and light the said street.

Proposed by E. B. Carroll, Esq., seconded by Colonel G. L. C. Merewether—

No. 3008. "That, as applied for by the Commissioner in his memorandum No. 8142, dated 8th instant, sanction be given, under Section 305 of the City of Bombay Municipal Act, 1888, to the service of notices on owners of the premises fronting or adjoining, or abutting on the private street called 'New Sonapore Cross Lane,' west of the Adumji Peerbhoy Market, Dhobitalao, requiring them to level, metal, or pave, drain and light the said lane, as the Commissioner shall direct."

Carried (with two dissentients).

Proposed by Colonel G. L. C. Merewether, seconded by Fazulbhoy Visram, Esq.—

"That, as applied for by the Commissioner in his memorandum No. 8143, dated 8th instant, sanction be given, under Section 305 of the City of Bombay Municipal Act, 1888, to the service of notices on owners of the premises fronting or adjoining or abutting on the private street called 'Delawrivadi,' a branch of Banam Hall Lane, Girgam, requiring them to level, metal or pave, drain and light the said lane, as the Commissioner shall direct."

No. 3009.

Carried.

The further consideration of memorandum No. 7675, dated 31st ultimo, from the Commissioner, forwarding correspondence regarding the water rate in respect of the Port Trust properties, was further postponed to allow of the completion of the circulation of the papers.

Resolved: "That, in reply to his letter, dated 10th instant, regarding the removal of stall-board of the chawl at Nos. 3-21, Bhaji Pala Road, the property of Mr. Purshotam Ruttonsi, Mr. Jamsetjee Cursetjee Cama be informed that his letter has been forwarded to the Commissioner for disposal."

No. 3010.

Considered again letter, dated 31st ultimo, from Mr. Khanderao Amrut Mogara, forwarding correspondence between himself and the Commissioner, relative to the Naigam Tank, and praying that the whole or a portion of the tank in question may be sold at a reasonable price, or leased to applicant for a term of 99 years at a nominal rental for the supply of water to the public for drinking purposes.

Also memorandum No. 8184, dated 8th instant, from the Commissioner, stating that he cannot recommend the sale of this property for the sanction of the Corporation. Circumstances may arise under which it may be desirable to sell the whole or a portion thereof, but the sale should then be a public one and not in response to a private offer.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That, in reply to his letter, dated 31st ultimo, Mr. Khunderao Amrut Mogara be informed that his request to purchase or lease the whole or part

No. 3011.

of Naigam Tank for the supply of water to the public cannot be complied with."

Carried.

Resolved: "That, in reply to his letter, dated 12th instant, regarding the insanitary condition of Zaoba's Wadi; Mr. Lukshmikant Ramchundra be informed that his letter has been forwarded to the Commissioner for remarks." No. 3012.

Resolved: "That the following Progress Reports for the months of May and June 1889, of the Tansa Water Works, forwarded with the Commissioner's memorandum No. 8317, dated 13th instant, be printed on the minutes of this day's meeting:—

The past season's work having generally come to a close in the early part of June, work covered by the present report was done principally in the month of May; except in the items of tunnelling and iron bridges on the duct portion of the works, on which progress was also made in the month of June.

Tansa Dam.—During the two months under report the outturn of masonry was 341,688 cubic feet, making the total quantity executed from the commencement of the work 5,200,417 cubic feet. Operations for the season were closed on the 10th of June, and the work measured up for the month of May and 10 days in June, as appears in statement attached.

Excavation for foundations was still in progress, 247,020 cubic feet being the outturn for the time under report.

The daily average number of people employed was 5,553, carts 411, and donkeys 40.

The number of deaths from various diseases was 9. The season's outturn of work may be considered as being creditable to the contractors.

Duct.—The outturn of work during the month of May was good. The value of work done for that month with a few days in June was nearly two lakhs of rupees.

1,051 l. ft. of tunnelling was executed during the two months under report. The statement attached shows progress made on the principal items of work.

The daily average number of persons employed for the month of May was 9,038. The works were generally closed for the season about the end of that month, except tunnelling and work at Bassein Creek bridge No. 2. Regarding the latter, only one span of superstructure and some flooring and bracing remains to be fixed to complete the erection of the bridge, the other two bridges Nos. 1 and 3 having been already completed. The general health along the line of duct works was not satisfactory.

Cast-iron pipes.—Since the date of last progress report, the S. S. "Star of England" and also the S. S. "Larnaca" which arrived subsequently to the former vessel, discharged their cargoes, 1,700 tons and 1,200 tons respectively, which makes the total delivery from commencement of operations 34,100 tons.

Statement showing progress made with the masonry of the Tansa Dam.

Description.	R. L. of river bed portion.	Quantity of Masonry executed.	Quantity remaining (approximately).
		C. ft.	
State of work at opening of season 1888-89.....	347	27,08,100	53,00,400 c. ft.
Work done in October and November 1888.....	350	2,06,900	
Do. in December 1888	353	2,90,000	
Do. in January 1889	358	4,24,000	
Do. in February 1889	361	3,84,900	
Do. in March 1889	364	4,08,100	
Do. in April 1889	366	4,36,000	
Do. in May and June 1889	367	3,41,700	
Total.....	...	51,99,700	

Statement showing progress of work on the principal items on the Tansa Duct, Season 1888-89.

	Total progress up to									Remaining to be done (approximately).
	31 May '88.	30 Nov. '88.	31 Dec. '88.	31 Jan '89.	28 Feb. '89.	31 Mar. '89	30 Apr. '89	31 May '89 and 30 June '89		
Excavation for Conduit..... c. ft.	5,35,000	62,40,000	72,90,000	83,60,000	92,63,000	99,19,000	1,10,34,600	1,14,83,900		78,87,100
Masonry in Conduit..... "	4,07,133	4,16,600	4,51,400	5,05,100	7,25,400	9,52,900	11,85,600	13,51,000		26,34,000
Tunnelling .... l. ft.	2,600	4,300	4,700	5,304	5,695	6,220	6,922	7,975	* See details attached.	21,600
Excavation for pipe track .. c. ft.	28,18,000	29,14,000	30,41,000	31,67,000	32,18,000	32,32,000	33,30,565	33,78,400		84,100
Embankment .. "	63,94,000	65,70,000	59,57,593	65,01,000	65,39,000	65,99,000	67,33,900	70,31,800		70,120
Tramway laid ..l. yds.	11,024	13,380	14,600	14,600	14,600	18,800	19,800	19,800		18,800
Erecting Basein Creek Bridges. Tons	550	1,050	1,340	1,380	1,530	1,700	1,850	2,000		100
Laying 48" siphons..... l. ft.	..	..	..	..	..	21,600	21,600	24,300		24,700
										71,100

Detail of progress made in Tunnels up to 30th June 1889, including work done in May 1889.

Number of tunnels.	Progress made.			Remaining to be done (approximately).	Remarks.
	North face.	South face.	Total.		
	Lineal feet.	Lineal feet.	Lineal feet.	Lineal feet.	
1	.....	.....	232	.....	Driven through.
1A	20	292	312	216	
2	1,273	3,023	4,296	3,706	
3	175	256	431	634	
4	470	292	762	1,537	
5	.....	.....	619	.....	Driven through.
6	74	.....	74	666	
7	470	724	1,194	2,224	New tunnels will be shown on progress diagram with next report.
	.....	55	55	1,545	
			7,975	10,528	

T. C. H. WHITE, C.E.,
for Executive Engineer, Tansa Water Works.

No. 3013. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 8343, dated this day."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 11th August 1889.*

No. 3014. *Resolved* : "That sanction be given to the appointment of Mr. Vinayak Bhaskar as Fourth Clerk in the office of the Corporation and Standing Committee on a salary of Rs. 45 per mensem, from 1st September 1889."

No. 3015. On the recommendation of the Commissioner, the rate for the 57·62 square yards of ground, or thereabout, taken from Messrs. Gungaram Kooparam and Hari Kallian for the improvement of Dariasthan Road, on 7th June 1888 was increased from Rs. 35 to Rs. 70 per yard. (In this case the owners of the land appealed to the Court of Small Causes, and on the recommendation of the

* *See* Appendix B.

Solicitors to the Municipality the Commissioner, subject to the sanction of the Standing Committee, increased the rate to Rs. 70.)

With reference to the discussion at the Meeting of the Corporation on the 13th instant, on the question of leprosy, the Secretary was directed to place before the next meeting of the Standing Committee, the Government Resolution and report by the Commissioner of Police which were read by the Commissioner on the 13th.

BOMBAY, 21*st August* 1889.

AT the Meeting of the Standing Committee held this day, there were present—

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 14th instant, were signed.

Resolved : "That, as applied for by the Commissioner in his memoranda Nos. 8329 and 8330, dated 14th instant, and Nos. 8523 and 8524, dated 16th idem, sanction be given, under Section 351 (2) of the City of Bombay Municipal Act, 1888, to the removal of the following structures, built without permission.

No. 3125.

Name of owner.	Where.
Mr. Dawoodbhai Moosa... ...	Building at No. 72, Homji Street, and Nos. 107-115, Gunbow Street.
Mr. Manak Madanji	Ditto at Khetwadi Main Road.
Mr. Abdul Ali Mootwala ...	Ditto at Nos. 20-22, Kamathipura 3rd Street.
Mr. Jamshedji Ardeshir Wadia.	Ditto at Parel Tank Road."

The seal of the Corporation was affixed to deeds of contract—

No. 3126. With Messrs. Walsh, Lovett & Co., for the supply of four 8-ton steam rollers.

No. 3127. With the Gas Company, for the supply of gas coke during 1889-90.

The consideration of Government Resolution No. 3102, General Department, dated 3rd instant, and report

No. 3696, dated 19th June 1889, by the Commissioner of Police, on the subject of Leprosy, was postponed.

With reference to the application made by the Commissioner in his memorandum No. 8365, dated 14th instant, it was—

No. 3128. *Resolved* : "That the Commissioner be requested to obtain a report from the Health Officer as to whether the well can be kept free from sewage percolation. Also that any representations which Mr. Dadabhai Bomanjee Jeejeebhai may have to make, be forwarded to the Committee at the same time."

No. 3129. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 8347, dated 14th instant, sanction be given, under Section 216 of the City of Bombay Municipal Act, 1888, to the writing off of Rs. 250, the amount of tax due by the National Fire Insurance Company for the half-year ending 31st March last, the Company having gone into liquidation and its Bombay Agency being closed."

No. 3130. *Resolved* : "That, as applied for by the Commissioner in his letter No. 8621, dated 20th instant, sanction be given, under Rule VI., clause (*b*), of the Pension Fund Rules, section C, chapter I., of the Municipal By-laws, to the payment of a pension of Rs. 26-14-6 per mensem, from the 22nd July 1889, to Mr. Balkrishna Babulji, Ward Clerk, Assessment and Collection Department."

No. 3131. *Resolved* : "That the following be laid on the table :— Letter, dated 15th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for the month of July last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 3132. "That, as proposed by the Commissioner in his letter No. 8440, dated 16th instant, the following clause be added to clause (*a*) of para. 1 of the Standing Committee's Resolution No. 5707, dated 16th January last :—

"'Except in cases where, in the opinion of the Commissioner, the quantity consumed is less than that which,

if delivered through meter, would yield Rs. 5 per annum, at the rate of 4 annas per 1,000 gallons, in which case no water tax to be charged.'"

Carried.

Considered again memorandum No. 2509, dated 12th ultimo, from the Municipal Secretary, forwarding for remarks, petition to the Corporation, dated the same day, from Messrs: Aladin Karimji and five other Borah stall-holders at the Arthur Crawford Markets, complaining of enhanced stall rents demanded from them.

Read memorandum No. 8327, dated 14th instant, from the Commissioner, forwarding letter No. 873, dated 8th idem, from the Superintendent of Markets, as follows :—

SIR,—* * * I have the honor to report that the statement of the complainants is not correct. They are six of the most troublesome stall-holders that I have in the markets, and they have been repeatedly warned that, if they did not comply with the rules and regulations of the markets, they would not have only to shift, but that I would be compelled to turn them out of the markets altogether. I have been obliged to shut up their stalls for 1, 2 and 3 days at a time for their misconduct and disregard for all regularity in exposing their goods for sale on the stalls as per clauses 4, 5 and 18 of the Market By-laws. For some time past I have found (as we do find periodically) that in the interest of the markets and the Municipality these people would have to be shifted to make room for vegetable dealers in the same line. So on the day in question their lease had expired and they all had the usual month's notice (as per foot-note, rent receipt) I ordered them to shift and they shifted, and by shifting them I at once got tenants and filled in twelve vacant stalls.—P. C. HIGGINS, Superintendent of Markets.

Resolved : "That, with reference to the complaint of Mr. Aladin Karimji and five other Borahs holding stalls in the Arthur Crawford Markets, the Corporation be informed that, under altered arrangements made for the general convenience and improvement of the markets, these persons were given stalls in another position in the markets.

No. 3133.

"That the Corporation be recommended to refer the matter to the Commissioner for disposal."

Considered again application from the Commissioner, asking sanction to the service of notices on Mr. Bhimji Hariram Joshi and six others requiring them to level, metal or pave, drain and light a private street.

Proposed by E. B. Carroll, Esq., seconded by Colonel G. L. C. Merewether—

"That, as applied for by the Commissioner in his memorandum No. 7686, dated 31st July 1889, sanction be given, under Section 305 of the

No. 3134.

City of Bombay Municipal Act, 1888, to the service of notices on Mr. Bhimji Hariram Joshi and six others residing in houses fronting or adjoining or abutting on the private street which runs east from Parel Road and to the north of the tank opposite the end of Arthur Road, requiring the said persons to level, metal or pave, drain and light the said street, as the Commissioner shall direct."

Rider proposed by Thomas Blaney, Esq.—

"That, in respect of the underground drainage, the Commissioner be asked to proceed under Sections 231 and 260 of the Act."

The *rider* was accepted as part of the original proposition, which, as thus amended, was *carried*.

The further consideration of memorandum No. 7675, dated 31st ultimo, from the Commissioner, forwarding correspondence regarding water-rate in respect of certain of the Port Trust properties, was postponed.

No. 3135. *Resolved*: "That, in reply to his letter, dated 13th instant, regarding the lighting of the Bhandarwada Cross Lane, Mr. Kamblia Posha be informed that it is hoped that there will be sufficient savings in the Budget grant for lighting for the current year to allow of provision being made for the lighting of the lane."

No. 3136. *Resolved*: "That the Progress Reports, for the months of May and June 1889, of the Tansa Water Works, forwarded with the Commissioner's memorandum No. 8317, dated 13th instant, be *recorded*."

No. 3137. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 8671, dated this day."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 18th August 1889.*

The following return was read and *recorded* :—

Return of fire at Wajali, Mahim, forwarded with the Commissioner's memorandum No. 8289, dated 13th instant.†

* *See* Appendix B. † *See* Appendix D.

Considered again letter, dated 18th ultimo, from Mr. N. M. Langrana, stating that, under the agreement between Government and the late Sir Jamsetjee Jejeebhoy (the first Baronet) all traffic over the "Lady Jamsetjee Causeway" and the "Bandora Hill Road" was exempted from payment of toll; that consequently the levy by the Bandora Municipality from the Bombay Municipality of Rs. 1,200 per annum for toll on meat vans is an illegal procedure, and suggesting that Government should be moved in the matter.

Read memorandum No. 8581, dated 20th instant, from the Commissioner, as follows :—

Returned with the Executive Engineer's remarks on the subject. From the Municipal Secretary's note it would appear that the papers relating to the previous controversy are already in the printed record of Proceedings. As far as the toll on meat vans is concerned, there is not in Mr. Ollivant's opinion any valid cause of complaint, all circumstances being considered.—E. C. K. OLLIVANT, Commissioner.

Also memorandum No. 8419B, dated 15th instant, from the Acting Executive Engineer, as under :—

The question was long ago discussed between Government, the Bandora Municipality and the Bombay Municipality. Before 1883 the toll was levied on Mahim Causeway itself, but as this was found to be illegal, Government under Resolution No. 952 of the 16th March 1883, ordered the toll bar to be removed from that position to the Bazaar Road belonging to the Bandora Municipality. The levying of the toll even at this place was objected to by the Bombay Municipality, but Government over-ruled the objection by Government Resolution No. 7665, of 15th October 1883.

The toll is supposed to be levied not on conveyances passing over the Mahim Causeway but on those passing over the roads of the Bandora Municipality, the traffic on Mahim Causeway, and also that on Gorbandar Road being free.

That the interests of the Bombay Municipality in respect of the payment of toll on Municipal meat vans was very fully discussed may be seen from the Acting Commissioner's minutes of the 24th June 1887, and Government Resolution No. 1855, dated 19th March 1888, and it will be observed that the payment of the toll was finally acquiesced in by the Municipality.—JAMES W. SMITH, Acting Executive Engineer.

No. 3139.

Resolved: "The Standing Committee have the honour to report that the toll in question was levied on Mahim Causeway before the year 1883, and as that was found to be illegal, the toll bar was, under the orders of Government, removed from that position to the Bazaar Road belonging to the Bandora Municipality, although that Municipality objected to the change. The toll is supposed to be levied not on conveyances passing over the

causeway, but on those passing over the roads of the Bandora Municipality, the traffic on the causeway itself and the Gorbandar Road being free. The subject of the payment of toll by the Bombay Municipality was considered by the Town Council and the Corporation in 1883.—(See Record, Vol. VII., Part II., page 405, and Part I., page 200.)

"Under the circumstances the Standing Committee agree with Mr. Ollivant that the Bombay Municipality has no valid cause of complaint."

BOMBAY, 28*th August* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 21*st* instant, were signed.

A letter was received from the Chairman, Dosabhai Framji, Esq., C.S.I., apologizing for non-attendance.

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., Thomas Blaney, Esq., was called to the chair.

No. 3340. *Resolved* : "That the following be *recorded*:—Memorandum No. 8973, dated 26th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 66,500, from (1) the 6 per cent. Local Loans Sinking Fund pass book, Rs. 16,500 ; and (2) the Miscellaneous Works Loan of 1888-89 Deposit Account, Rs. 50,000, to the Municipal General Fund pass book, on the 20th and 22nd instant."

No. 3341. *Resolved* : "That, as applied for by the Commissioner in his letter No. 9057, dated this day, sanction be given, under Section 351 (2) of the City of Bombay Municipal Act, 1888, to the removal of the following structure built without permission:—

Name of Owner.	Where.
Mr. Hurgovand Anandji Desai	... Building at Nos. 19—27, Pinjrapole Street.

Considered again the following :—

Letter No. 2825, dated 3rd ultimo, to the Commissioner, as follows :—

SIR,—I am directed to acknowledge receipt of your letters No. 22583, dated 30th March, and No. 4039, dated 29th May, on the subject of the charge for water on Port Trust property, which have been fully considered by the Trustees.

2. With regard to the former, which states that the old arrangements which were of a temporary character must be held to cease from 31st March last, I am directed to observe that the enclosed bills* for water supplied at Victoria Dock from October to December 1888, and which were referred to in my No. 1273 of 22nd March, appear to come under the old arrangement, and I am to ask that the 10 per cent. deduction allowed on the combined Prince's and Victoria Docks water bills to 30th September may also be allowed on the bills under reference ; as also on the subsequent bills not yet rendered to 31st March 1889.

* No. 11091 for Rs. 732.
„ 11092 „ 747.

3. In your letter of 30th March you were good enough to state that any proposals which the Trustees might formulate for the year from 1st April 1889, you would be happy to refer for the decision of the Standing Committee. You at the same time forwarded copy of a letter addressed to you by the Deputy Executive Engineer, Municipality, dated 27th March, in which it was recommended that the full rate of 12 annas per thousand gallons should be charged to the Trust. Upon this the Trustees' Engineer was at once (1st April) asked to furnish an estimate of the quantity of water used at the several troughs, so that the Trustees might know the extent to which any change in the rate hitherto existing would affect them. The Trustees' Engineer was not able to report until 30th May, and meantime, on 29th May, the Trustees were furnished by you with a copy of a Resolution of the Standing Committee of the Corporation, dated 8th idem, deciding that "all water "supplied to the Port Trust be charged for at the rate of 12 annas per "thousand gallons, the meter hire being paid by the Trustees in addition."

4. The Trustees regret that they were not in a position to make a representation on the subject before it was dealt with by the Standing Committee, but they hope it is not yet too late to put before you the reasons which they think should cause some modification of the proposed arrangement to be made.

5. The Trustees are not helped either by the Resolution of the Standing Committee itself or by any report of the Committee's proceedings in the newspapers to a knowledge of the reasons why they should be charged the extreme rate permitted by the law, but when the question was before the Town Council in 1887, the reason then given for desiring to charge the full rate was that the Trustees made a profit upon the water supplied to the shipping. In case the same argument may have been used and may have influenced the Standing Committee, I am directed to state that from 1st April 1888 the price charged for water supplied to the shipping in the Dock and in the stream was reduced 25 per cent., that the rates now charged are :—to the ferry steamer owners who are allowed to attach a pipe to the Port Trust pipe at Mody Bundar, 12 annas per thousand gallons. In this case the Trustees are responsible to the Municipality for payment of the same rate as they charge, and take whatever risk there is in billing the ferry

steamer owners. In the case of country craft that send their water casks and tanks to Mazagon Pier, Re. 1½ per thousand gallons is charged, for there the Trustees' expenditure upon the pipes, the pier, &c., has not been so heavy as at the Wet Docks. At the Wet Docks the charge which was formerly Re. 1 is now 12 annas per ton of 250 gallons or Rs. 3 per thousand gallons; while in the stream the rate which was formerly Rs. 2 per ton is now Re. 1½ per ton. It is feared that the Town Council and the Standing Committee in looking at this question may have confined themselves to the direct disbursements of the Trust under the head of water-supply, as these appear in the published accounts and have not considered that with regard to the Dock supply, in order to enable a ship to get alongside a water pipe, the Docks themselves which have cost 160 lakhs have had to be constructed, and that it is incumbent on the Trustees in apportioning the charges necessary to enable them to meet the interest on this large capital, to reach the ships through the medium of the water supplied to them as well as through direct charges for Dock dues. In like manner in the case of vessels supplied in the stream, not only the payments yearly made for the up-keep of a steam water barge which appear in the published accounts have to be taken into account, but the renewal of the barges themselves when they become worn out, as well as the risk of wreck. To show that this last is no imaginary contingency, I am to state that the water barge "Paniwalla" was wrecked on the Prongs in May 1879. I am further to state that there has been no complaint on the part of those most interested, namely, the masters and owners of vessels, that the charges for water press heavily, but rather those who are most competent to judge consider the rates to be fair and reasonable. Nor is it as if the rates levied by the Trust left them a profit, for the estimates for the current year show that, after providing for all necessary expenses, there is a deficit of Rs. 1,11,000 to be made good, and for this the Trustees have to fall back upon their Reserve Fund. Had it been otherwise, had there been a surplus to dispose of, there is little doubt, I am to say, that the Trustees would on general grounds have taken the opportunity to further reduce the charge for water supplied to the Shipping.

6. In order that the Standing Committee may fully understand the question, I am directed to forward 4 litho. plans—A, B, C and D* showing the troughs where water has been supplied on payment by the Trustees of a compounded rate.

7. The rates hitherto paid and those at 12 annas per thousand gallons compare thus, according to an estimate made by the Trustees' Engineer :—

	Compounded Rate.	Full Rate.
Troughs on plans A & B	Rs. 800	Rs. 6,518
,, ,, C	,, 250	,, 5,004
,, ,, D	,, 165	,, 1,360
	Rs. 1,215	Rs. 12,882

and if the 10 per cent. deduction, hitherto allowed at Prince's and Victoria Docks on account of water supplied to the latrines and urinaries &c. there, be withdrawn, a further charge of Rs. 1,538 per annum will fall upon the Trust.

* Filed in the Supplement to Minute Books for 1889-90, marked A.

8. With regard to the troughs on plan A, I am to remark that No. 1 is on a road underneath Carnac Bridge, and is open to the public day and night. It is surrounded by extensive properties built upon land leased from the Trust and which, under Section 141 of the Municipal Act, can be charged water rate by the Municipality. No. 2 on the same plan is within the fence of Mody Bundar, and is used largely by the merchants' labourers who frequent the Bundars, and to some extent also by boatmen, who at other parts of the foreshore get a free supply from Municipal dipping wells. The Trustees have no labour force at this Bundar ; the place is open to all without restriction from sunrise till sunset. Troughs Nos. 3 and 5 on the same plan are within the Bundar limits, and are made use of by the same class as make use of No. 2. No. 4 is on the road which is open night and day to the public, the same as the road on which No. 1 is situated. No. 6 is now within Dock limits, and under the old arrangement would have been dealt with on the 10 per cent. deduction principle.

9. The tanks on plan B are used chiefly by coolies moving coal at and from the adjacent land. These men are not in the service of or connected with the Trust, and the tanks are free to all without restriction at all times.

10. The same can be said with regard to the troughs at Mazagon (plan C). The whole neighbouring population are free to use these troughs, and the large consumption shows how needful they are.

11. Plan D shows two troughs on Wellington Reclamation. The Deputy Executive Engineer suggests that these be closed, and the persons who use them, made to go to the Municipal trough opposite. It is proposed to close the southmost trough which is just opposite the Municipal trough, but the northern one will be a convenience to the cotton dealers and their bullocks, and will save them a journey back to the Municipal trough. The suggestion of the Deputy Executive Engineer just referred to shows that the Municipality recognises the right of the people who get water from troughs on Port Trust property opposite for themselves and their bullocks to get a free supply, so long as they go to a Municipal trough, and it seems to the Trustees not too much to ask that the convenience of the public be consulted so far as that, when troughs which happen to be situated on Port Trust property meet their wants more suitably than other troughs provided by the Municipality, or it may be when no troughs whatever have been provided by the Municipality in a locality such as Mazagon, a free supply, or one nearly so, be furnished.

12. Section 171 of the Municipal Act provides that "no tax or charge "of any kind shall be levied or demanded for the use of water in or from "any drinking fountain, tank, reservoir . . . used for the gratuitous "supply of water to the inhabitants of the city and *vesting in the "Corporation.*" All the tanks and troughs already referred to are used for the purpose herein described ; only they are not vested in the Corporation. What has prevented this vesting from having taken place is in the case of the Mazagon property, the uncertainty which still exists as to the line of roads and in the case of the troughs on Elphinstone and Mody Bay Estates, the uncertainty with respect to future Dock extension. These hardly seem adequate reasons for refusing a free supply of water at troughs which are at all times open to the public and the Trustees, I am to state, may prefer the inconvenience that may result from now vesting the sites of these troughs, and trusting to their

being able at any future time, when a change in the disposition of their land is imperative, to make some arrangement with the Municipality for the resumption of the sites in question; and I am to ask whether, failing a return to a rate somewhat corresponding to that hitherto charged, there will be any objection to your having the sites of the water troughs vested in the Municipality and thus entitled to a free supply under the section of the Municipal Act referred to. The condition is one, however, which, I am to state, does not appear to be always insisted upon, for on the Trustees' own property at the site marked with a cross on plan B, the Society for Prevention of Cruelty to Animals have erected a trough to which water is supplied by the Municipality free of charge.

13. The Trustees are, as they have ever been willing, to pay the full rate for water supplied to the shipping and for water used for their machinery and by their labourers in the Wet Docks, but they think some reduction upon the full rate such as hitherto allowed should be made in respect of the free supply of water to the public who frequent the Dock without let or hindrance.

14. Although it has no direct bearing upon the question of a free supply of water to the public on Port Trust lands, I am directed to remind you that the Trustees have in the past shown a willingness to deal liberally with the Municipality when any question of meeting their requirements arose, and as instances I am to point to the fact that they have made over to you ever since 1880 a considerable area of land on Frere Road frontage near Waree Bundar for the storage of road metal (1,813 square yards) at a nominal rent of Re. 1 per mensem, and that so recently as 14th May last they agreed to give you a further area of 2,700 square yards at Mody Bay for the same purpose and on the same terms.

15. In conclusion I am to express a hope that, with all the circumstances of the case before them, the Standing Committee will see their way to allow a supply of water free, or practically free, wherever the public have unrestricted access to tanks and troughs on Port Trust property.—I have, &c.,

G. MANSON, Secretary.

Read letter No. 6138, dated 4th idem, to the Secretary, Port Trust, as follows :—

SIR,—With reference to your letter No. 2825, dated 3rd instant, I have the honour to enquire whether you are in a position to favour me with a statement shewing the revenue derived by the Trustees from supplying water to shipping in the Docks and in the stream respectively and the actual cost to which the Trustees are put in undertaking this service in both cases severally.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Read letter No. 2930, dated 11th idem, to the Commissioner, as follows :—

SIR,—With reference to your No. 6138, dated 4th July, I am directed to enclose statement of the only figures, which are available in connection with the supply of water to the shipping. It will be seen from the note appended to the statement that these figures are necessarily very far from complete.—I have, &c.,

G. MANSON, Secretary.

BOMBAY PORT

Statement showing the Revenue from and Expenditure upon the required by the Municipal Commissioner as

RECEIPTS.	In 1884-85.	In 1885-86.	In 1886-87.	In 1887-88.	In 1888-89.	TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
WATER SUPPLY TO SHIPPING IN THE STREAM ..	19,906 7 9	31,242 12 10	26,763 0 0	32,263 0 0	19,517 4 11	1,29,692 9 6
	06 7 9	31,242 12 10	26,763 0 0	32,263 0 0	19,517 4 11	1,29,692 9 6
WATER SUPPLY TO SHIPPING IN THE DOCKS ..	4,650 12 0	24,325 12 0	19,251 4 0	21,651 8 3	26,243 13 0	1,06,123 1 3
	14,650 12 0	24,325 12 0	19,251 4 0	21,651 8 3	26,243 13 0	1,06,123 1 3

N[illegible]—It is unfortunate that the Trustees' accounts are not made up so as to show the whole of the [illegible]pense debitable to each head. For example, in the case of the water boats only the actual w[illegible] and materials expended on repairs are included; nothing is included for the up-keep [illegible]rustees' workshops where repairs are effected or for 'superior' supervision. The same with [illegible]ssue of stores. Only the price paid for stores is entered, nothing is included for supervison, any portion of the Port Officer's salary or establishments charged although the work of [illegible]at is controlled by that department.

In the case of water supplied to vessels in Dock such omissions tell with increased force. Before a vessel can enter the Dock to draw water, channels have to be dredged and maintained at large annual expense, interest on the cost of the Docks themselves (Rs. 159 lakhs) has to be

TRUST.

Supply of Water to the Shipping from 1884-85 to 1888-89 as per the letter No. 6138, dated 4th July 1889.

EXPENDITURE.	In 1884-85.	In 1885-86.	In 1886-87.	In 1887-88.	In 1888-89.	TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
WATER SUPPLY TO SHIPPING IN THE HARBOUR.						
Wages of Steamer Crew	4,520 0 0	4,540 0 0	4,559 15 11	4,591 4 7	4,582 4 7	
Stores, including Coal	4,484 2 9	5,373 9 4	3,907 12 11	4,558 11 11	5,802 11 9	
Repairs to W. B. Bhisti	6,548 2 2	1,176 8 11	4,233 13 4	1,010 5 8	{ 470 11 9 25 14 4	
Municipality for Water	{ 561 13 4 * 1,464 10 9 }	1,390 2 0	3,929 8 2	4,823 13 2	4,250 7	
Miscellaneous and Stations, &c. ..	8 7 0	23 12 0	3 12 0	54 0 0	503	
Light Deck House	....	584 5 1	....	....	..	
Depreciation	585 0 0	585 0 0	585 0 0	585 0 0	58[illegible] 0	
Cost of connecting 6" Pipe with the Municipality 12" Pipe	....	....	....	857 10 6	[illegible]	
	18,167 4 0	13,673 5 4	17,219 14 4	16,480 13 10	1[illegible] 6 2	81,761 11 8
WATER SUPPLY TO SHIPPING IN THE DOCKS.						
Wages	270 14 7	284 0 4	279 3 3	276 1 11	53[illegible] 8	
Stores and Repair.	72 2 9	654 7 0	718 15 10	{ 1,073 14 7 362 4 7 }	454 [illegible]	
Water Rates .. .	3,268 10 2	4,414 5 7	3,455 1 4	3,603 5 3	5,177 4 1	
	3,611 11 6	5,352 12 11	4,458 4 5	5,315 10 4	6,170 14 6	24,[illegible] 5 8

collected from the ships and goods in as fair a proportion as may be and the supervision [illegible] Dock Superintendent and his establishment is necessary for the control of all the work a[illegible] Dock including the supply of water.

It would not be possible, without an increased amount of labour to apportion these cha[illegible] over the various items of expenditure, but it is obvious that the direct disbursements above [illegible] cannot be taken as the equivalent of the expense of supplying water either in the stream [illegible] the Docks, but no other figures are available.

* Bills from January to March and from October to December 1884 are paid on 18th June 1889.

G. MANSON,
Secretary.

Read also memorandum No. 7675, dated 31st idem, to the Municipal Secretary, as follows :—

The accompanying correspondence with the Secretary, Port Trust, in which the Trustees appeal against the decision conveyed in the Standing Committee's Resolution No. 323, dated 8th May 1889, is submitted to the Standing Committee for disposal, under Section 170 of the Municipal Act.

E. C. K. OLLIVANT,
Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashanker Yajnik, Esq.—

No. 3342. "That the Standing Committee are unable to vary the terms of the Committee's Resolution No. 323, dated 8th May last."

Amendment, moved by E. B. Carroll, Esq., seconded by K. M. Shroff, Esq.—

"That, under the circumstances now explained, the rate sanctioned by the Standing Committee in their Resolution No. 323 dated 8th May last, be modified, and that all water supplied to the Port Trust be charged at the rate of 10 annas per 1,000 gallons, the meter hire being paid by the Trustees in addition."

On a division, the votes were *recorded* as under :—

	For.	Against.	
Amendment	3	5	*Lost.*
Original motion.....	5	4	*Carried.*

Resolved : "That, as recommended by the Commissioner in his memorandum No. 9055, dated this day,

No. 3343. sanction be given to the rate for 225·69 square yards, or thereabout, of ground taken up for the improvement of Walkeshwar Road being increased from Rs. 3 to Rs. 8 per square yard."

Resolved : "That Government Resolution No. 3102,* dated 3rd instant, General Department, together

No. 3344. with the report by the Commissioner of Police, No. 2[illegible]6, dated 19th June 1889, on the subject of Leprosy, be recorded."

Resolved : "That, as applied for by the Commissioner in his memorandum No. 8719, dated 22nd instant,

No. 3345. sanction be given, under Sections 211 and 517 of the City of Bombay Municipal Act, 1888, to a suit being filed in the Court of Small Causes, against Mr. Jan

* Printed in the Proceedings of the Meeting of the Corporation, held on 13th instant.

Mohamad Kasam for the recovery of Rs. 177-3-2 on account of property taxes from 1st October 1887 to 30th September 1889, in respect of a house, Ward Nos. 2412 and 3258, street Nos. 14 and 19-23, Memonvada Road, and new Bengalpura Street."

No. 3346. *Resolved* : "That, as applied for by the Commissioner in his letter No. 8928, dated 26th instant, sanction be given, under Section 517 of the City of Bombay Municipal Act, 1888, to the withdrawal of the suit filed against Mr. J. E. Coleman for the recovery of Rs. 13-8-0, on account of wheel-tax for the quarter ended 30th June 1885, as the Court at Colombo could not serve the summons on Mr. Coleman, and as, even if a decree were obtained, it could not be executed until an application for execution was made to the Court at Colombo, by some representative of the Municipality.

"That, for the above reasons, sanction be also given, under Section 216 of the Act, to the writing off of Rs. 13-8-0, the amount of the bill as irrecoverable."

No. 3347. *Resolved* : "That, as applied for by the Commissioner in his letter No. 8774, dated 23rd instant, the Corporation be recommended to sanction an additional grant of Rs. 7,000 from Surplus Cash Balance, to meet the excess over the budget grant for pensions and gratuities up to the end of the current year, the excess being caused by an unusally large number of retirements this year."

No. 3348. *Resolved* : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 9056, dated this day." *

No. 3349. *Resolved* : "That the Progress Reports up to the end of July 1889, of New Works, not in course of construction, be *recorded*."

Resolved : "That, as applied for by the Commissioner in his memorandum No. 9059, dated this day, sanction be given under Sections 211 and 517 *(j)* of the City of Bombay Municipal Act, 1888, to a suit being filed in the Court of Small Causes, against Mr. Framjee Edaljee Sonavala, for the recovery of Rs. 349-14-11, on account of property taxes from 1st April 1888 to 30th September 1889, in respect of 2 properties, Ward Nos. 211 and 212, Street Nos. 104 and 106, Colaba Road."

* See Appendix C.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 25th August 1889.*

[redacted] *Resolved* : That sanction be given to the striking off [redacted] the list of Outstanding Business (1st August 1889) [redacted]s 2, 3, 4, 6, 9, 10, 11, 12, 13, 16, 17, 27, 29, 30 [redacted], as the matters they refer to have been disposed of, as stated in the memorandum from the Secretary, dated 26th instant, as under :—

"2. The Acting Commissioner asked to furnish the Council with a statement showing the establishment charges, complete to date (11th January 1888), that have already been debited to the grant of Rs. 4,16,950 for Establishment, Tansa Works—(11th January 1888)."

[The information in question was furnished to the member who asked for the statement.]

"3. The Acting Commissioner asked to furnish the Council with : (1), statement showing the entire expenditure on the Malabar Hill Reservoir from the commencement of the project up to date, including the cost of *land and the construction and roofing of the Reservoir, under separate heads ; and (2), separate statement showing the cost of making the ornamental gardens and the cost* of the maintenance of the gardens—(27th June 1888)."

"*4. Papers regarding the leakage of Malabar Hill and John Hay Peyton Reservoirs. The Acting Commissioner asked* to prepare a detailed abstract estimate showing exactly those charges in connection with the repairs or renewals which are chargeable (1) to Capital, and (2) to Revenue.—(18th July 1888)."

[The information has been furnished in the Reports by Mr. Tomlinson and other papers, Vol. XII. of *Record*, Appendix D, the Commissioner's letter, page 489, *ibid*, and Record, Vol. III., page 36, and Record, Vol. XII., page [redacted].]

"[redacted] Petition, dated 27th July 1888, from Hadji Abdula Esmail, Mr. Jacinto Barreto and others, praying that a new road may be constructed from Gopi Tank, Lady Jamsetji Road, to Futka Tank Road, Sion Road. Further consideration postponed—(22nd August 1888)."

[On 17th July 1889, an establishment was sanctioned for the survey of this road. Resolution No. 2532.]

* *See* Appendix B.

"9. Letter, dated 20th December 1887, from Mr. Purshotum Shreekrishnajee, regarding the demolition of such portion of his chawl at Nos. 81-99, Fanaswadi Lane, as stands on the ground to be set back. Referred to Acting Commissioner on the 11th January 1888 (No. 20

[The case is in the High Court.]

"10. Letter, dated 9th May 1888, from Mr. K Soorjee, asking that he may be paid Rs. 20 per yard f land taken up from him for the improvement of Nisha pada Road. Referred to the Acting Commissioner on t e 4th June 1888 (No. 1406)."

[The seal was affixed to deed of conveyance of th land on 30th January 1889 (No. 5843).]

"11. Letter, dated 2nd July 1888, from Mr. ureem Jeewa, stating that he informed the Engineer's Dep rtment twice, that the house at Nos. 28-29, Syed Abdul ahiman Street, Rungari Mohla, near Bhaji Pala Street, s being built without permission, and that the owner is p eeding with the work rapidly in order to avoid a set-b there. Referred to the Acting Commissioner on tho th July 1888 (No. 2716)."

[The matter was disposed of by the Town Council on 18th July 1888—Resolution No. 3058.]

"12. Letter, dated 16th July 1888, from unbia Kazi Ahmed Meya and Kazi Mahomed Kazi Dada eya, stating that the rate of Rs. 8 per square yard, offer r their land required for the improvement of Falkland oad, is too low, and that they decline to accept the e. Referred to the Acting Commissioner on the 16 July 1888 (No. 3042)."

[The applicant has been informed by th Executive Engineer that the Commissioner has sanctione Rs. 16 per yard.]

"13. Letter, dated 23rd July 1888, from Dayal Dewji, stating that the rate of Rs. 20 per square ya offered for his land taken up for the improvement of ukla Cross Lane, is too low, and that he declines to acc the rate. Referred to the Acting Commissioner on the 6th July 1888 (No. 3443)."

[The applicant was requested to produce his title de but he has not yet done so.]

"16. Letter, dated 7th February 1889, from Mes Chalk, Walker and Smetham, on behalf of Mr. Damodar

Anandji Joshey, claiming a sum of Rs. 75 as and by way of damage alleged to have been sustained by their client in consequence of the demolition of a step connected with Joshey's house and leading to the staircase thereof at lwady. Referred to the Commissioner on 13th ry 1889 (No. 6011)."

. Damodhar was informed on the 15th March last, e step encroached on Municipal land.]

". Letter from Mr. Ramchunder Soonderji, dated 25th Febr ry 1889, asking that the cost of cleaning out and keepi r in repair the drain in Bangudwady, Girgam, may be bo e by the Municipality who constructed the drain. Refer l to the Commissioner on the 27th February 1889 (No. 19)."

[Th drain has been taken up and relaid under the Queen applica Road Sewer Contract, no expense falling on the]

" 27 Letter, dated 1st July 1889, from Mr. Javerchand Gooma nd, objecting to the rate of Rs. 3 per square yard, offered f is land taken up for the improvement of Walkeshwar ad, and asking that he may be paid Rs. 8 per yard. Re rred to the Commissioner for favour of remarks —(3rd Ju 1889)."

[The ma r was disposed of by the Standing Committee on the 14th stant, Resolution No. 3002.]

"29. L r, dated 10th July 1889, from Hadji Usman Haji Chotan eturning the draft conveyance of land taken up for the i rovement of Dhunji Street, and stating that unless appli nt is paid Rs. 8 per yard, and compensation for the com und wall and trees standing on the ground so taken up, will not sign the document. Referred to the Commissi r for remarks—(17th July 1889)."

[The tter was disposed of by the Standing Committee on 14t stant, Resolution No. 3003.]

" Petition to the Corporation, dated 12th July 1889, fro essrs. Aladin Currimji and five other Borah stallhol s at the Crawford Markets, complaining of enhanced st rents demanded from them, and alleging that they have t uffer pecuniary loss. Referred to the Commissioner for arks—(17th July 1889)."

[This matter was disposed of by the Standing Committee on the 21st instant, Resolution No. 3133.]

"31. Letter, dated 18th July 1889, from Mr. N. M. Langrana (of Bandora), stating that under the agreement between Government and the late Sir Jamsetjee Jejeebhoy (the first Baronet) all traffic over the "Lady Jamsetjee Causeway" and the "Bandora Hill Road" was exempt from payment of toll; that consequently the levy by the Bandora Municipality from the Bombay Municipality of Rs. 1,200 per annum for toll on meat vans is an illegal procedure, and suggesting that Government should be moved in the matter. Referred to the Commissioner for remarks—(31st July 1889)."

[The Standing Committee disposed of the matter on 21st instant, Resolution No. 3139.]

BOMBAY, *4th September* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E., [illegible]OWASJEE HORMUSJEE, Esq., C.I.E.; FAZULBHOY VISRAM, Esq., [illegible]AVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; M[illegible]LJI BHOWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BA[illegible]JEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Drainage Works; and the MUNICIPAL SECRETARY.

A letter was received from the Chairman, Dosabhai Framji, Esq., C.S.I., apologizing for non-attendance.

On the motion of Javerilal Umiashankar Yajnik, Esq., seconded by Fazulbhoy Visram, Esq., Thomas Blaney, Esq., was voted to the chair.

On the question of the signing of the minutes of the meeting of the Committee held on the 28th ultimo, it was—

Proposed by Colonel G. L. C. Merewether, seconded by Kaikhosro N. Kabraji, Esq.—

"That a foot note be added to the proceedings of the last meeting in connection with the rate for water supplied to the Port Trust as under :—

'Mr. Fazulbhoy Visram moved, and Colonel Merewether seconded, a proposal to reduce to 8 annas but the first amendment being lost the second amendment was not voted upon.'"

On a division, Colonel Merewether's proposal was carried by 5 votes *against* 1.

The minutes were then signed.

Resolved : "That the following be *recorded*:—Memo-
No. 3401. randum No. 9343, dated 2nd instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd [illegible]r 1888, the transfer of Rs. 1,00,000,—from (1) the [illegible]aneous Works Loan Deposit Account, Rs. 50,000, (2) the New Sanitary Works Loan Deposit Account Rs. 50,000—to the Municipal General Fund pass book, on the 26th and 28th instant."

The seal of the Corporation was affixed to 1 renewal
No. 3[illegible]2. of old bond of Sanitary Works Loan of 1885, No. 157 N. N., of the value of Rs. 500.

Resolved : "That, as applied for by the Commissioner
No. 340[illegible] in his memorandum No. 9342, dated 2nd instant, sanction be given to the payment of Rs. 10[illegible] to Messrs. C. B. D'Abreo, L. B. D'Abreo, and C. F. D'A[illegible]eo, on account of two karanj trees standing on the gro[illegible]d taken up from them for the improvement of Matharp[illegible]adi Road."

Conside[illegible]d memorandum No. 9344, dated 2nd instant, from the C[illegible]mmissioner, asking the Standing Committee's approval, [illegible]der Section 230 of the Municipal Act, to an order in w[illegible]ing being issued to Bai Navazbai, widow of Navroji Ho[illegible]usji Patch [illegible]orizing her to carry a drain from her ho[illegible] N[illegible] Khetwadi 11th Lane and Main Road, [illegible]o, through or under the land belonging to Mr. Pirozsha[illegible] Nasarwanji Karani, to the Municipal drain in the Ketwa[illegible] Main Road.

Read lette[illegible] dated this day, from Mr. Pirozshah Nasarwanji Karan[illegible] protesting against his neighbour Navazbai being allow[illegible] to carry the drain of her house through his land.

After [illegible]cussion, it was—

Res[illegible]d : "That, as applied for by the Commissioner
No. [illegible] in his memorandum No. 9344, dated 2nd instant, the Standing Committee hereby appr[illegible]e of his issuing an order in writing, under the ter[illegible] of Section 230 of the City of Bombay Municipal A[illegible] 1888, authorizing Bai Navazbai, widow of Navroji [illegible]usji Patch, to carry a drain from her house No. 139, [illegible] Khetwadi 11th Lane and Main Road, into, through or under the land belonging to Mr. Pirozshah Nasarwanji

Karani, to the Municipal drain in the Khetwadi Main Road."

Resolved : "That, as applied for by the Com
No. 3405. sioner in his memorandum No. 9341, 2nd instant, sanction be given, under tion 305 of the City of Bombay Municipal Act, 18 the service of notices on the owners of several pr fronting or adjoining or abutting on the private called Ghelabhai Dulabdas Street, at the junct Sankli Street and Ripon Road, requiring them to metal or pave, drain and light the said street, Commissioner shall direct.

"That, in respect of the underground drain Commissioner be asked to proceed under Sectio and 260 of the Act."

Resolved : "That, as applied for by the
No. 3406. sioner in his memorandum No. 92 30th ultimo, sanction be given, unde 211 and 517 (*j*) of the City of Bombay Mun 1888, to a suit being filed in the Court of Sm against Mr. Shri Krishna Nanabhai and oth recovery of Rs. 34-15-4 on account of pro from 1st October 1888 to 30t September 188 of a house, ward Nos. Street N 1, Dukarwadi."

Considered again letter to the Preside poration, dated 10th June 1889, from M DeSouza, Ardaseer Framji Major, and othe Cavel Street, complaining of the building of thereat, and asking that set-back may be en case.

Read memorandum No. 9196, dated 29th ult Secretary, as follows :—

The building plans for the house complained of have been as there was no legal ground for objection. No improve has been laid down in the street, and therefore no set-ba demanded.—E. C. K. OLLIVANT, Commissioner.

Resolved : "That the Corporation be recommende
No. 3407. inform Messrs. Leo G. DeSouza, Arda Framji Major and others, in reply to t letter, dated 10th June 1889, that, as there was no legal ground for objection, the building plans of the house

complained of were approved, and that, as no improvement li[illegible]e has been laid down in Cavel Street, no set-back was d[illegible]manded.

That, in the opinion of the Committee, it is desirable [illegible]n a public street east and west through Cavel Street [illegible] the backs of premises as far as possible."

[illegible]vas agreed that Government Resolution No. 6113, dated 20th ultimo, Revenue Department, on the Annual Report of the Bombay Veterinary [illegible]e for the year 1888-89 be circulated, and that the [illegible]eration of the same be postponed.

[illegible]*lved*: "That the Health Officer's Report* for the First Quarter of 1889, be passed on to the Corporation."

[illegible]idered memorandum No. 3371, dated 30th ultimo, [illegible]e Municipal Secretary, forwarding for remarks of the [illegible] Committee, letter to the President, dated 28th [illegible]m Mr. Nusserwanjee Manockjee, complaining that [illegible]s as an Inspector at the Tansa Duct Works have [illegible]nsed with, and making remarks in connection [illegible]

[illegible] by Colonel G. L. C. Merewether, seconded by [illegible] Visram, Esq.—

[illegible]e Committee [illegible]e informed by the Commis-[illegible]ioner tha[illegible]tioner, having been on the [illegible]ment, his services were dis-[illegible] at the termination of the last working [illegible]hat the Corporation be recommended to [illegible]ers."

[illegible]*t*, moved by K. M. Shroff, Esq., seconded [illegible] N. Kabraji, Esq—

[illegible]e papers be circulated."

[illegible]sion, the votes were *recorded*, as under :—

	For	*Against*	
[illegible]dment	2	5	*Lost.*
[illegible]nal motion	5	0	*Carried.*

[illegible]*lved* : "That, in reply to her letter, dated 26th ultimo, regarding the assessment of her property Ward No. 8067, Street Nos. 372-376, [illegible]endy Bazar Road, Bayabai, widow of Balu Mia Ghulam [illegible]sen Penvalkar, be informed that the said letter has [illegible]en forwarded to the Commissioner for disposal."

* See Appendix A.

Resolved: "That the following be referred to the Commissioner for remarks in continuation of the Committee's Resolution No. 3012, dated 14th ultimo :—Memorandum No. 3338, dated 28th A 1889, from the Municipal Secretary, forwarding, for re of the Standing Committee, petition to the President Corporation, dated 25th idem, from Messrs. Laksh Ramchandra, Venkatesh Mahadev Kelker, and regarding Zaoba's Oart."

No. 3412.

Petition to the Chairman, dated 2[illegible]h August 188[illegible] the above gentlemen, on the same [illegible]ject.

The following statement was [illegible]id on the table :—

Statement of the height of w[illegible]er in the Vehar an Lakes for the week ending 1st [illegible]eptember 1889.*

The following return was [illegible]ead and *recorded*:—

Return of fire at Picket Road, forwarded w Commissioner's memoran[illegible]m No. 9272, da August 1889.†

Resolved : "That sa[illegible]on be given to t off from the [illegible]tstanding List (1st 1889), of item [illegible]o. 2, as the contra the 31st March 1889.

No. 3414.

"'2. The Acting Commi[illegible]oner be asked t [illegible]which it Council with a list of the [illegible] to put down the pavement [illegible]due[illegible] the ed into with Mr. Byramji Jehangir for pa during 1888-89—(25th July 1888).'"

Resolved : "That sanction be given to t of water connections as per list a the Commissioner's memorandum dated this day."

No. 3415.

On the recommendation of the Commissioner was given to the rate in the follow cases of land taken up at Walkeshw being increased from Rs. 3 to Rs. 8 per square yard,

No. 3416.

(1) 23·11 square yards, or thereabout, taken up Mr. Dayal Narsi.

(2) 66·67 square yards, or thereabout, taken up f Mr. Barjorji Behramji Engineer.

(3) 169·22 square yards, or thereabout, taken up fr Motibai, wife of Hiraji Edalji.

* *See* Appendix B. † *See* Appendix D.

BOMBAY, 11*th September* 1889.

AT the Meeting of the Standing Committee held this , there were present :—

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*

IAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE SJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL HANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. F, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANI-RBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

. OLLIVANT, Esq., C c.i.e., Commissioner; the CHIEF ACCOUNTANT; UNICIPAL SECRE RY.

minutes of t Meeting held on the 4th instant, gned.

ved : "That the following be *recorded* :—Memo-
7. randum No. 9 8, dated 10th instant, from the Commissioner, porting, with reference to the tee's Resolution No. 484, dated 3rd October 1888, *sfer of Rs. 50,000 fro* the Miscellaneous Works *1888-89 Deposit* ccount, to the Municipal *Fund pass book, on* 5th instant."

: "That, as appli or by the Commissioner in his memorandu No. 9594, dated 6th instant, sanction be given, under section 351 City of Bombay Municipal Act, 1888, to the he following st cture, built without permis-

	Where.
r.	
i	Building at No. 418, Abdul Rahiman Street."

"That, as recommended by the Commis-oner, in his memorandum No. 9807, dated 0th instant, sanction be given to the rate for uare yards, or thereabout, of ground taken up rdasar Khodabux Irani at Walkeshwar Road, ased from Rs. 3 to Rs. 8 per yard."

ed : "That, as recommended by the Commis-
0. sioner in his letter No. 9930, dated this day, sanction be given to the rate in the following ases being increased to Rs. 88 per square yard, *viz.* :—
(1) 46·97 square yards, or thereabout, of ground taken from Hadji Usman Hadji Chotani at Masjid Bandar d.
(2). 14·59 square yards, or thereabout, of ground taken up from the same owner at Memonwada Road."

The seal of the Corporation was affixed to 356 Debe
ture Bonds of the Bombay Municipal Loans for Drain
and Water Works, Markets and Roads, Nos. 742 to 20
both inclusive, of the value of Rs. 6,38,000.

The seal was also affixed to deed of contract
No. 3601. Mr. Fakir Mahomed Babanbhai, for
footpaths during 1889-90, and sanctio
given to Resolution No. 2812, date 24th July 18
the Standing Committee being ame d, by the ins
therein of such name in place of the mes of Messrs.
Mahomed Babanbhai & Co., as Commissioner
that the tender is signed by Mr. kir Mahomed Bal
only.

The further consideration of Government Res
on the Annual Report of the Bombay Veterinary
for 1888-89, was postponed allow of the comp
the circulation of the papers

Considered memorandu No. 9641, dated 6t
from the Commissioner, arding letter, date
from Surgeon-Major T. S eir, Health Officer
a reconsideration of the qu tion of the payment
ment of his pension contribu on.

After discussion, it was pro by Thomas
seconded by Cowasjee Hor

"That as there appears to be some dou
No. 3602. the question whether it would b
the Corporation to pay, in ad
maximum salary of the appointment of H
the pension and leave allowance contribution
Government by Surgeon-Major Weir, be ref
opinion of Counsel."

Carried.

Resolved: "That sanction be given to the cuttin
No. 3603. water connections as per list accompany
Commissioner's memorandum No. 9908,
this day.

The following statement was laid on the table:—

Statement of the height of water in the Vehar a
Tulsi Lakes for the week ending 8th September 1889.*

* *See* Appendix B.

Resolved: "That letter, dated this day, from Mr. Pirozshah Nasarvanji Karani, regarding the drain to be constructed by his neighbour Navajbai be rred to the Commissioner for disposal in continuation ne Committee's Resolution No. 3404, dated 4th t."

o. 3604.

h reference to the Committee's Resolution No. 2895, 7th ultimo, r uesting the Commissioner to take l's opinion as (1) whether the Local Authorities Act or any of e rules framed thereunder, can in ay affect the owing powers possessed by the pality under the Municipal Act of 1888, or (2) the Corporation d be bound by any procedure vn in any rules fra d under the Local Authorian Act, the Comm ioner read the answers of (Mr. Inverarity) to he questions, which are as

Query.	*Opinion.*
r the Local Autho s any of the rules framed t any way affect the bor w- ssessed by the Munici ity icipal Act of 1888 ?	I am of opinion they do not apply.
the Corpor nd les Local Aut rities	I am of opinion that they are not bound by the rules when borrowing under the powers in the Municipal Act.

eration of the following item on the out- (1st September 1889) was proceeded with.

accordance with notice of motion, it was—

by K. M. Shroff, Esq.—

the Municipal Commissioner be requested to nformation on the following :—

e contractor for the new Municipal Offices has ed a large plot of ground in addition to that sold by rnment for erecting the building, where he has put , chunam, stone and other building materials.

That Government intends to charge a monthly rent of 250 for this additional spot.

" As the building work is likely to extend over a period

of 42 months, the amount of the total rent will Rs. 10,500.

"Is the contractor to pay it, or the Municipality?

"If the latter has to pay the rent, whether the amo is calculated in the cost of the building."

The Commissioner read letter No. 5929, dated 1st 1889, to the Secretary to Government, Public W Department, as under :—

SIR,—With the permission of the Executi ngineer, Presiden has, I understand, been in communicatio ith Government subject, the architect for the new Municipal ice buildings has purpose of stacking material, &c., occup out 2,733 squar Government land on the Esplanade, as s n in the attached A fee is demanded of 4 annas per 100 s are yards per diem, Rs. 210 per mensem, for the whole ar occupied. Supposing to last 42 months as estimated, th total cost on this accou Rs. 8,820.

2. I am informed that similar f s have not been charged of any of the other public or s i-public buildings erecte Esplanade, and also that this scal f fees was fixed not for su as the present one, but for occu on by booths, circus te structures put up for the purpo of private gain.

3. I beg leave to remind G nment that sites B and C 933 square yards, are virtua adjuncts to the publi incapable of yielding any future r enue, and that, out square yards have been designedly t aside by Governme road, so that out of the total area mporarily occupi square yards are practically av any profit Moreover, it may be regarded as not already vest in the Corporation.

4. The demand made is of so novel a character, a description of ground and the purpose for which proposed fees are so high, that I am constrained to m Government on the subject. It will be in the recollec ment that their first intention was to give the Municip building site for nothing, and the policy which prompte and eventually sanctioned half the ordinary rates would n knowingly approve of the exaction now proposed.

5. When the Government new Central Press building construction, and a strip of Municipal ground was temporaril for the purpose no fees were charged, and if in other cases the scaffolding fees have been charged it will, I hope, be remem the curtailment of a crowded thoroughfare is very different fr use of a piece of unoccupied open ground. Rather than pay such rental as that demanded it might be necessary, in spite of the incon ence to the public, to close some portions of the Hornby and Cruiksh Roads during the progress of the Municipal building works.

6. I trust that, on a review of the circumstances submitted by Government may be pleased to sanction a remission of the fees claimed.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Read also letter No. 888B, Public Works Department, ted 30th August 1889, to the Commissioner, as lows :—

,—I am directed to acknowledge the receipt of your letter No. 5929, 1st July 1889, soliciting the remission of fees charged by the ive Engineer, Presidency, for the Government ground occupied Municipality of Bombay for stacking materials in the vicinity ite of the new Municipal Office buildings.

n reply, I am to [redacted] that after a careful consideration of the f the circumstanc[redacted] is Excellency the Governor in Council is on that the Muni[redacted]l Corporation of Bombay should pay for all received from th[redacted]eral public as it charges for all rendered and that accordi[redacted]e whole area occupied by the Municipa- eir contractors for m[redacted]erials should be charged for, and no can be granted.—I [redacted]ave, &c., WALTER C. HUGHES, to Government.

discussion, it wa[redacted]greed that item No. 10 be *ut.*

ply to a question f[redacted]m Mr. Carroll, the Com- explained that arra[redacted]ements were made to water n the native town du[redacted]g the Mohurram holidays, less rain falls now, [redacted]roads in the other parts of l be watered from t[redacted] present time.

Bo[redacted]AY, 18*th September* 1889.

eting of the [redacted]ding Committee held this day,

[redacted]

[redacted]AI FRAM[redacted]Esq., C.S.I., *Chairman.*

[redacted]sq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.S.M.C.; [redacted]AM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUN- JEE BANAJEE, Esq.

[redacted]NT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL

[redacted]es of the Meeting held on the 11th instant,

[redacted]

[redacted]*l* : "That the following be *recorded* :—Letter No. 10248, dated this day, from the Commissioner, as follows :—

—The Standing Committee in their Resolution No. 5251, dated November 1888, sanctioned Rs. 7 per square yard for 95·47 square at Cow Lane, Kandawady, for street improvement. On appeal to Chief Presidency Magistrate, the rate has been increased to Rs. 9-4-0 square yard, *plus* 15 per cent. which the Magistrate has allowed for [redacted]pulsory acquisition, and *plus* also Rs. 25 for a cocoanut tree, in all [redacted]. 981·4688. The interest on Rs. 981·4688 from 1st September 1885 to 15th August 1889, is Rs. 194·0081. The Magistrate has also awarded

Rs. 90 as costs. I have ordered the payment of the whole sum, nam Rs. 1265·4769, under Section 118 (*f*) by debit to the street improvem grant, the same head to which the sanctioned sum was debitable.—I h &c., E. C. K. OLLIVANT, Commissioner.

"That the Commissioner be asked, in all future to place on the table the letters sent in by the Mu Solicitors, reporting the judgments relating to set- &c., given against the Corporation.

"That, in important cases, co of the judg ents received from the Solicitors be circul to the Comm tee."

The seal of the Corporation wa xed to deed o con-

No. 3775. veyance to Mr. Edu Hormusji Bottl alla, by way of exchang f a piece of land tuate between Clare Road and Rip Road.

The seal was affixed to dee s of conveyance—

From Mr. Javerchand manchand, of groun taken

No. 3776. up for the im vement line of Wa shwar Road,

From Mr. Mahadev H Churi, of ground ken up

No. 3777. for the impr ment line of Mal n Bazar Road.

From Hadji Abdula Hadji bsutar, of grou taken up

No. 3778. for the improv line of F st Chinch Bandar Road. utive Engineer, in his letter No. 101 instant, to the Commissioner, states that 4·17 s of ground only were taken up in this case, being re yard less than the area, 4·93 square yards, sanctioned by the late Town Council in their Resolution No. 1038, dated 20th October 1886.)

From Mr. Luckmidas Bhimji Kapadia, of ground taken

No. 3779. up for the improvement line of Kalbadevi Road. (The Acting Executive Engineer, in h letter No. 10122B, dated 13th instant, to the Commi ner, states that 15·55 square yards of ground only were ken up in this case, being ·97 square yard less than the a, 16·52 square yards, sanctioned by the late Town Cou l, in their Resolution No. 2184, dated 20th June 1888.)

Resolved: "That the following be *recorded*:—Let

No. 3780. No. 10247, dated this day, from the Commis sioner, reporting, under section 69 (*d*) that he

[illegible] sanctioned the purchase from Messrs. Richardson & C[illegible]ddas, of forty $\frac{3}{4}$" Siemen's meters at the rate of Rs. 36 ea[illegible]. The cost, Rs. 1,440 to be debited to the advance [illegible]e lakh sanctioned by the Corporation for the pur- [illegible]f Water Works stores."

[illegible]he following :—

No. [illegible]380.

F[illegible]ANCIAL DEPARTM[illegible], Bombay Castle, 4th September 1889.

Memo[illegible]ndum from the [illegible]rgeon-General with the Government of ra[illegible]bay, No. 189, d[illegible]th January 1889—Submitting a memo- M[illegible]um No. 154, dated [illegible]h December 1888, from the Surgeon- a[illegible]r in charge Gokald[illegible] Tejpal Hospital, who forwards an wh[illegible]cation from Mr. Balkris[illegible] Wasudev, steward in that Hospital, Re[illegible]requests a reconsideratio[illegible]f the orders passed in Government serv[illegible]ution No. 277, dated 2[illegible] January 1887, under which his [illegible]e was declared as not qua[illegible]ying for pension.

Letter fr[illegible]n the Accountant Gene[illegible], No. P.—32118, dated 13th Febr[illegible]ry 1889—Forwarding [illegible]e papers; and observing as follo[illegible]:—

* * * * *

"7. [illegible] seems to me, however, [illegible]t the case is not one of those contempl[illegible]ed by Section 84. Th[illegible]t the case is not one of those of, or of [illegible] addition to, a Gover[illegible]s not the case of the creation ment pu[illegible]oses at the cost of [illegible]ment Establishment for Govern- Municipa[illegible]ospital support[illegible]ne special fund; the Hospital is a appears to [illegible]acting [illegible]the Municipality, and Government administeri[illegible] [illegible]e Agent of the Municipality in ance. Gov[illegible] [illegible]funds supplied for its mainten- bound to s[illegible] [illegible]funds merely as a Trustee; it is the Munici[illegible] [illegible]the Hospital and any surplus is repaid to Code the service does not qualify. [illegible]think therefore that under Section 89 of the

"8. Should Government, however, take the opposite view and consider that the service should qualify for pension under Section 84, it must be borne in mind that the decision will not affect this case only, but will render pensionable all the establishment of the Hospital, a list of which is given in the table appended to this lette[illegible].

[illegible] If it be decided that the establishment has a claim to count s[illegible]ce for pension, it will probably be decided that the cost of the [illegible]sions should be chargeable to the municipal contribution; and [illegible]will be for decision whether the pensions should, when granted, [illegible]e directly so charged or whether the usual contribution for pension should be added to the monthly cost of the establishment. The for- [illegible]mer would seem the most suitable method in the circumstances of the case, as no contribution has been levied in the past and the levy of the arrears now would not form a real equivalent of the pensionary liability as far as the present members of the establishment are

concerned. In this connection it may be noted that the municipal contribution can easily bear the charge for pension, as the surplus refunded to the Municipality is always considerable.

The surplus for the last six years is shewn below :—

1882-83	Rs. 9,098
1883-84	„ 6,608
1884-85	„ 1,924
1885-86	„ 3,199
1886-87	„ 1,637
1887-88	„ 5,257."

Memorandum from the Municipal Commissioner for the City of Bombay, No. 3600, dated 21st May 1889—Stating in reply to Government Memorandum No. 777, dated 25th February 1889, that the Standing Committee, with whom, under section 81 of the Act, rests the determination of leave questions, &c., have passed the following resolution :—

"That with reference to the Accountant-General's proposals embodied in his letter to Government No. P.—32118 of 13th February last, Government be informed that the staff of the Gokaldas Tejpal Hospital not being Municipal servants cannot be admitted to the Municipal Pension Fund."

RESOLUTION.—Article 421 of the Civil Service Regulations, First Edition, which has superseded section 84 of the Civil Pension Code, Sixth Edition, has removed all doubts as to whether the latter section gave a claim to pension in cases like the present one. The essence of that article is that the payment must be made from *General Revenues*. The payment in the present case is not so made, but from Municipal Funds. The Governor in Council therefore does not see any reason to modify the orders passed in Government Resolution No. 277, dated 22nd January 1887.

J. [illegible] ATES,
Acting Under-Secretary to Government.

No. 9982 of 1889-90.

BOMBAY, 11*th September* 1889.

Copy forwarded to the Municipal Secretary with reference to Standing Committee's Resolution No. 319, dated 8th May last.

E. C. K. OLLIVANT,
Commissioner.

No. 3781.

Resolved : "That, with reference to Government Resolution No. 3380, Financial Department, dated 4th September 1889, received under memorandum No. 9982, dated 11th instant, from the Commissioner, the Commissioner be requested to inform Government that under the terms of the Municipal Pension Rules, the Standing Committee are unable to admit the application of Balkrishna Wasudev, Steward of the Gokuldas Tejpal Hospital, to be placed on the Municipal Pension Fund."

Resolved : "That the following be approved and *recorded*:

No. 3782. Memorandum No. 10243, dated this day, from the Commissioner, stating, with reference to Standing Committee's Resolution No. 2854, dated July 1889, that the pension payable to Mr. Sada- Harichandji, Clerk Municipal Corporation and ing Committee Office, is Rs. 27-2-8 per month, from 1st ly 1889, calcul d on his average emoluments of five year from 1st Marc 67 to 28th February 1872."

Resolved : "Tha s applied for by the Commissioner in his m andum No. 10242, dated this day,

No. 3783. sanction be en, under section 305 of the City of Bo bay Municipal Act, 888, to the serving of notices on the o ners of several pr ises fronting, or adjoining, or abutti on the field trac r road between DeLisle Road and the Tulsi Pipe line, m ed BB on the plan* accompanying the above memoran m No. 10242 of 1889-90, requiri them to level, meta r pave, drain and light the said field track or road as the mmissioner shall direct."

"That, in respect of the erground drainage, the Commissioner be asked to proc under sections 231 and 260 of the Act."

Resolved : "That, as applie for by the Commissioner in

No. 3784. his memorandu No. 10177, dated 14th nstant, san given, under section 382 of the City o Act, 1888, to the serving of notices on Messrs. Wulubdas Lukmidas, Namaji Bapuji, Vishnu Nars g and Vithul Tukaram Wardi, requiring them to discontinue the removal of sandstone from their property at Purbhadevi Road, Lower Mahim, and to fill in the existing excavations thereat with clean earth to the level of the adjacent ground.

"That, until the filling in is completed, the said excavations be protected by an efficient fence on all sides."

Cons dered the following :—

No. 61

REVENUE DEPARTMENT, Bombay Castle, 20th August 1889.

Lett from the Principal, Bombay Veterinary College, No. 391, dated 25th May 1889—Submitting for information the third annual report of the College dealing with transactions of the official year 1888-89.

ESOLUTION.—The Annual Report of the Bombay Veterinary ege for the year 1888-89, shows that there was a falling off in

* Filed in the Supplement to Minute Book for 1889-90 marked A.

the number of students attending that institution during the y[illegible]. After the Second Professional Examination which was held in A[illegible]il and May 1888 by the Special Board appointed by Government and in which the percentage of successful candidates was satisfactory[illegible] number of students at the College was 80. At the end of th[illegible] under review it had fallen to 75. The decrease is not a ver[illegible] one and Government consider that it may well be accounted [illegible] the first ground suggested by Mr. Steel, namely, the re-action a[illegible] enthusiasm with which the establishment of the College was g[illegible]ted. It was only to be expected that many [illegible]nts would join [illegible]ch an institution more with a view to seeing [illegible] their prospects m[illegible]ht be improved by connection with it than wit[illegible] fixed intention of prosecuting their studies there. It is sat[illegible]ory to notice t[illegible]t the number of students sent by Native Sta[illegible]s increased from 2[illegible] to 24, and during the year under review on[illegible]tudent has been sen[illegible]by the Madras Government. He had perfor[illegible]d veterinary duties u[illegible]r that Government and was as a special ca[illegible]dmitted at once to Cl[illegible]C and allowed to study for his diploma. [illegible]e Native States whic[illegible]sent up new men, were Porbandar and Wa[illegible]wan.

The number of students who [illegible]sented themselves for examination during the year was 65, and [illegible] these 44, or 68 per cent., were successful. Of the total numbe[illegible]7 presented themselves for the First Professional Examination, and [illegible]assed, 36 for the Second Professional (ordinary) and 25 passed, 1 fo[illegible]e Second Professional (special) and 1 for Examination by Specal [illegible]ense and both were successful. The gentleman who was examined [illegible] Special License, was Dr. Narimán, who passed with credit and w[illegible] has since been confirmed in his post on the staff of the College.

2. Two of the questions regardi[illegible]working of the College which in Mr. Steel's opinion call for s[illegible]ore the test for admission and the lecturers' duties and [illegible]s of appointment. With reference to the first, it appears that Mr. Steel is not in favour of insisting on students having matriculated before entrance into the College, and Government have already sanctioned the re-establishment of the special entrance test as an alternative to the matriculation and University School Final Examinations. The connection held by Mr. Steel to exist between the question of the entrance test and that of employment for graduates is treated at some length. The former depends on the conditions under which the instruction to be obtained at the Veterinary College can be most efficiently imparted, the latter on the supply of and demand for trained veterinary practitioners, a matter as regards which Government have no responsiblities other than those of all employers of skilled labour. The question of the establishment of a Civil Veterinary Department has not yet been disposed of by the Government of India, bnt should such establishment be decided on it will be with a view to the benefits to be conferred on the public and not solely as a means for the employment of veterinary graduates. As regards Veterinary Hospitals and Dispensaries in the mofussil, His Excellency in Council notes with satisfaction that several bodies are negotiating w[illegible] a view to their establishment, and that these bodies are chiefly in distri[illegible] which have already had experience of the good work done by students of the College as cattle-disease inspectors.

3. As regards the question of lecturers, His Excellency in Council, in view of the unsatisfactory manner in which the present system works, concurs with Mr. Steel in looking on it as only provisional. No permanent arrangements which would give satisfaction can, however, be made until the posts are filled by qualified veterinary graduates whose interests will be bound up with those of the College and whose appointment will lead to economy and to increased efficiency. Mr. Steel's proposal that three selected graduates should be appointed temporary College and Hospital Assistants would have received the favourable consideration of Government, had it not been that he had not made any adequate provision for his scheme in his Budget Estimates for 1889-90. The matter should be re-submitted in time for the necessary action to be taken in 1890-91.

4. Another somewhat pressing need of the College is a bacteriological laboratory so as to enable the management to institute distinct classes for microscopic work which are necessary in order to obtain the recognition by the Royal College of the Veterinary Surgeons of the diploma of the Bombay College. A separate report on this subject should be submitted.

5. The question of the remuneration of veterinary graduates employed by Local Boards, Chiefs, &c., is one as to which Government are not prepared to lay down any fixed rules. Bodies employing such men, however, will have to recognise that their College education and their status as graduates will entitle them to a higher rate of pay than what is looked on as sufficient for untrained persons who now perform veterinary duties. His Excellency in Council is pleased to observe that applications for the services of graduates have been received from Municipalites, Local Boards, Native States, Native Cavalry, Transport, Police and Provincial Governments. The total number of applications received should have been stated, and it should have been reported what steps have been taken to comply with them.

6. The Financial Statement submitted by Mr. Steel as Appendix E is so entirely unintelligible as to lead Government to believe that the Committee have not prescribed a form of balance sheet as they were requested to do in the Resolution reviewing last year's report. In the first place the sums received in payment of fees, both for past and current years, have been omitted from the statement though given separately below and secondly the total has been wrongly calculated, Rs. 15 (extras from a casual student) having been omitted. It is not understood what is meant by "total amount paid by the Veterinary College," as an item on the receipt side of the balance sheet unless it refers to the amount paid by the Veterinary College to the Accountant-General to its own credit. Further the statement has been miscalled a balance sheet, for no balance has been struck. The special attention of the Principal should be drawn to the exceedingly inaccurate way in which these accounts have been presented. It is impossible to say from the so-called balance sheet whether the income of the College was Rs. 7,085 + Rs. 15 + Rs. 4,275 or only Rs. 7,085. The latter amount is not mentioned in the body of the report. The cost to Government is given as Rs. 18,854-3-3, but the correctness of this statement cannot be ascertained from the report, nor can a comparison be made with last year's figures. In future, the figures for the year under report

and those for the preceding year should be shown for purposes of comparison. It is not satisfactory to find that the arrears of fees for 1886-87 and 1887-88 still amount to Rs. 750. During the year Rs. 540 only due for those years were recovered and Rs. 660 have been realized since the close of the year on account of the fees for 188[illegible]. It should be reported how much of the outstanding balance is considered irrecoverable and the reasons for its being regarded as such should be detailed. The orders recently issued by Government as to pre-payment of fees should in future be strictly adhered to.

7. His Excellency in Council is pleased to observe that the appointment of a permanent Board of Examiners in July 1888 is regarded with satisfaction by the teaching authorities of the College. The rules concerning examinations which have been submitted for the approval of Government will be dealt with in a separate Resolution.

8. There was no change during the year in the number of free-students, but Mr. Steel has recommended that the names of two be struck off on account of non-attendance. All did fairly well in the examination. One student attended specially for practical work and two transport employes were sent for practical study in the Hospital by the Commissary-General.

9. His Excellency in Council notices with much regret that the new quarters built for the Instructor in Practical Shoeing and Farriery were so insanitary as to cause serious injury to the health of Mr. Stanley, the newly appointed Instructor and his family. It is hoped that the arrangements now in progress will result in the improvement of the sanitary condition of the quarters. The question of placing the College under the administrative supervision of the Principal will be disposed of hereafter. His Excellency in Council is pleased to notice that the Chemical Laboratory has been completed and gives satisfaction. The quarters for resident students are approaching completion. The College is to be congratulated on the additions to the library received during the year under review.

10. The question of checking the import of diseased horses into Bombay is one of the first importance and His Excellency in Council is glad to observe that Mr. Steel fully recognizes this fact and has undertaken the responsibility of supervising the landing and transfer of stud cattle for the supreme or local Governments. It is satisfactory to note that the rules under the Glanders Act which have been availed of many times during the year have been most useful and have greatly aided the object which they were framed to assist. During the year some students were deputed to Sholapur to gain experience in cattle-disease and the result of their work was reported to the Director of Land Records and Agriculture.

11. During the year under review the connection between the Veterinary College and the Bai Sakarbai Dinsha Petit Hospital became for some unexplained reason less close than before and the Principal submits only a brief resume of the main features of the report of the working of the latter institution. From this it appears that the number of patients continues to increase, and that several new wards were added through the liberality of various donors.

12. The fulness with which Mr. Steel has discussed the many questions of interest to the College under his charge shews that his zeal for its success has in no way diminished during the year under review.

13. The attention of the Judicial and Military Departments should be called to the suggestions made under (*d*) and (*f*) and (*e*) of clause 4 of paragraph 4 of the report.

J. DE C. ATKINS,
Acting Under-Secretary to Government.

No. 9218 OF 1889-90.

BOMBAY, 29*th August* 1889.

*Copy forwarded for information of the Standing Committee.—E. C. K. OLLIVANT, Commissioner.

Resolved : "That Government Resolution No. 6113, Revenue Department, dated 20th ultimo, on the Annual Report of the Bombay Veterinary College for the year 1888-89 be forwarded to the Corporation."

No. 3785.

Resolved : "That sanction be given to the cutting off of water connection as per list accompanying the Commissioner's memorandum No. 10260, dated this day."

No. 3786.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 15th September 1889.*

The consideration of item 17 of the "Outstanding List" (1st September 1889), was proceeded with.

No. 3787.

"The Commissioner asked to furnish the Standing Committee with a return of all houses or portions of houses that have fallen since the 1st of June last, showing—

(1) The locality, street and number ; (2) The owner's name ; (3) Description of the building, such as whether private residence, chall, stable and number of storeys ; (4) Date of erection ; (5) Date of falling ; (6) Cause of fall ; (7) Persons injured or killed, and estimated loss of the fall. And that a similar return be furnished weekly in future when houses or portions of houses are reported to have fallen—(31st July 1889.)"

The Commissioner laid on the table a statement of the houses, or portions of houses, which fell during June and July last.

It was agreed that the statement be sent to Mr. Blaney, and that item 17 be *struck out* of the list.

---

* *See* Appendix B.

BOMBAY, 25*th September* 1889.

AT the meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIYA SHANKAR YAJNIK, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

A letter was received from the Chairman, Dosabhai Framji, Esq., C.I.E., apologizing for non-attendance.

On the motion of Cowasjee Hormusjee, Esq., seconded by Colonel G. L. C. Merewether, Thomas Blaney, Esq., was voted to the chair.

The minutes of the meeting held on the 18th instant, were signed.

No. 3843. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 10446 and 10468, dated respectively 20th and 21st instant, and 10758, 10759 and 10760, dated 24th idem, sanction be given, under section 61 (2) of the City of Bombay Municipal Act, 1888, to the removal of the following structures built without permission :—

Name of Owner.	Where.
Mr. Kaliandas Premdas, on behalf of the Manager of the Dhobi temple.	Building at No. 53-55, Dhobi St.
Mr. Ganpantrao Shrikrishna ...	Do. at No. 71, Fanaswady 2nd Lane.
Mr. Sorabji Nasarwanji Talati ...	Do. at Nos. 171-175, Bazar Gate Street.
Mr. Mulchand Tapidas	Do. at Babula Tank Road.
Mr. Jamshedji Kavasji	Do. at Supari Bag Road."

No. 3844. *Resolved* : "That the Resolution of the Town Council, No. 2637, dated 4th July 1888, be cancelled, and that, as applied for by the Commissioner in his letter No. 10689, dated 24th instant, sanction be given, under section 91 of the Municipal Act, to the Commissioner's applying to Government for the compulsory acquisition of 422 square yards, or thereabout, of land situate on the Sewri Fort Road and belonging to Mr. Kharshedji Jamasji Banatwala, the same being required for a public purpose, namely, the site of a latrine."

Proposed by Cowasjee Hormusjee, Esq., seconded by Colonel G. L. C. Merewether—

No. 3845. "That the Commissioner be authorized to provide for the illumination of the address to be presented to H. R. H. Prince Albert Victor and for the casket to contain the same at an outside cost of Rs. 2,000.

"That the Corporation be recommended to sanction the necessary expendi[redacted] from surplus cash balance as per thier Resolution N[redacted]788, dated 19th instant."

*Carried.**

With reference t[redacted] return of the investment of loans and reserve funds up t[redacted] 1st March 1889, it was agreed that the papers be printed an[redacted] circulated and the consideration of the same postponed.

No. 3846. The Municipal Secreta[redacted] reported that letter, dated 19th instant, from M[redacted] Sorabji Jamsedji, regarding the refund of M[redacted]icipal rates in respect of his property, ward No. 7382, [redacted]eet No. 315, Duncan Road, was referred to the Comm[redacted]ioner for disposal as per the standing order of the Commi[redacted] dated 1st May 1889, and the petitioner was informed a[redacted]dingly.

No. 3847. *Resolved* : "That, in re[redacted] to his letter, dated 21st instant, regarding the lighting of Bhandarwada Cross Lane, Mr. Camblia Posha be informed that orders have been given for the lighting of the lane."

Proposed by K. M. Sh[redacted] Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 3848. "That, in reply to their letter, dated 23rd instant, regarding verification of weights, Messrs. Khimji Jeewa & Co. be informed that their letter has been forwarded to the Commissioner for disposal, and that as soon as all the standard weights and measures are ready, they will be brought into use."

Carried.

No. 3849. *Ordered* : "That the following be laid on the table :— Letter, dated 14th instant, from Messrs. Ardaseer Framji Moos and Nanabhai R. Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for the month of August last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

*A notice of motion to the above effect had been given by Cowasjee Hormusjee, Esq.

In accordance with notice of motion, it was proposed by K. M. Shroff, Esq.—

No. 3850. "That the Municipal Commissioner be requested to furnish information in regard to the result of the auction sale (held on the 25th July last) of the piece of land at the corner of Hornby Road and Gunbow Street, Fort."

The Commissioner said that he would give the result of the auction at the next meeting of the Committee.

No. 3851. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 10804, dated this day."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 22nd September 1889.*

The following return was laid and *recorded* :—

Return of fire at Dubboo Street, forwarded with the Commissioner's memorandum No. 10631, dated 23rd September 1889.†

No. 3853. *Resolved*: "That, as applied for by the Commissioner in memorandum No. 10768, dated 24th instant, sanction be given under sections 211 and 517 (*j*) of the City of Bombay Municipal Act, 1888, to a suit being filed in the Court of Small Causes against Surgeon A. F. Ferguson for the recovery of Rs. 21 on account of wheel tax for the third quarter of 1885-86."

No. 3854. *Resolved*: "That the Corporation be recommended to sanction the writing off of Rs. 669-15-1 from the live-stock return of the Health Department, being the book value of 6 bullocks that died and 2 that were destroyed, and 1 horse that was sent to Pinjrapole, total—8 bullocks and 1 horse— during the quarter ending 31st May 1889."‡

No. 3855. *Resolved*: "That, under the circumstances mentioned in the Acting Executive Engineer's letter No. 10503 B, dated 21st instant, and as applied for by the Commissioner in his memorandum No. 10803, dated this day, the Standing Committee assent to the Com-

* *See* Appendix B. † *See* Appendix D.

‡ *Causes of Death.*—1 Flatulent colic; 2 general debility; 1 rinderpest; 1 diseases of lungs; 1 fever and general debility; 2 destroyed: total died, &c., 8 bullocks and 1 horse. *Locality where invalidity took place.*—5 Sankli Tank Hospital, 1 G Ward Stable, 2 destroyed, and 1 horse sent to Pinjrapole.—total 8 bullocks and 1 horse. Percentage on the whole strength of bullocks 1·7.

[illegible]ssioner's disapproving of the erection of a building by Haji Esak Usman on a site at Elphinstone Road near the Dhun Mills, shown in yellow colour on the tracing* marked A, dated this day, as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

The Commissioner informed the Committee that the contractor for the [illegible]oval of offal from the Municipal Slaughter Houses [illegible]andora represents that, owing to the time at which, a[illegible]he manner in which, the Bandora Municipality requi[illegible]m to convey the offal, he cannot remove it without empl[illegible]ing additional carts. The contractor, therefore, asks [illegible]e sum paid to him may be increased from Rs. 7 to R[illegible]12 per diem.

After discussion it was a[illegible]ed, on the recommendation of the Commissi[illegible]er, that tenders be invited for the removal of th[illegible]offal, and that the consideration of the subject be postpo[illegible]d for a week.

No. 3856.

The Commissioner informe[illegible]the Committee that Government have decided that the [illegible]unicipality must pay for the issue of summonses in Mu[illegible]pal cases. He then read Government Resolution No. [illegible]522, dated 26th August 1889, Judicial Department, a[illegible]under :—

BOMBAY CASTLE, 26*th August* 1889.

Letter from the Chief Presidency Magistrate and Revenue Judge, Bombay, No. 334, dated 23rd March 1889—States, with reference to paragraph 3 of Government Resolution No. 1463, dated 18th March 1889, that no fee is paid on muncipal complaints, nor are any fees levied on processes issued thereon, and that if fees were paid on processes issued on municipal complaints, the estimated annual amount would be about Rs. 2,434.

Letter from the Solicitor to Government, No. 581, dated 11th June 1889—Forwards, with refcrence to Government letter No. 2532, dated 10th May 1889, the opinion of the Honourable the Advocate-General as to whether fees on municipal complaints before the Presidency Magistrates and process issued by the Magistrates thereon are legally leviable.

Memorandum from the General Department, No. 2658, dated 8th July 1889—Tranfers correspondence forwarded by the Muncipal Commissioner for the City of Bombay with his letter No. 5724, dated 28th June 1889, regarding the service of summonses for Municipal offences, and requests consideration of a suggestion made by the Commissioner of Police, Bombay, in his letter to the Municipal Commissioner, No. 3601—10, dated 14th June 1889, to invest Ward Inspectors under Section 21 of Act XIII of. 1856, with the powers of a police officer for the purpose of executing municipal summonses.

* Filed in the Supplement to Minute Books, 1889-90, marked A.

RESOLUTION.—It appears to the Governor in Council that Section 71 of Act XIII. of 1856 contemplates real police constables and not merely such as are appointed for one purpose only. The appointment of Municipal Inspectors for the purpose of serving summonses only, as contemplated, would, it seems to him, rather be an evasion of the law.

2. A copy of the Honourable the Advocate-General's opinion should be forwarded to the Chief Presidency Magistrate with an intimation that the Governor in Council does not consider it desirable to exempt process in municipal cases from payment of the fees provided by Section 57 of Act IV. of 1877. The G[illegible]ment bears the entire cost of the Magistracy of the City, and it [illegible]ot be expected to make any special exemption of payment to so fi[illegible]ally sound a Corporation as that of the City of Bombay.

J. J. HEATON,
Acting U[illegible]der-Secretary to Government.

After discussion, it was—

Resolved : " That the Co[illegible]poration be recommended to sanction the pay[illegible]ent of Rs. 2,000 from cash balance to provi[illegible]e for the cost, up to the end of the current year, of the [illegible]ssue of summonses and processes in Municipal cases."

No. 3857.

With reference to the [illegible]olution of the Standing Committee, No. 1332, dated 1[illegible]h June 1889, on the subject of the provision of Police stati[illegible]ns and chowkis, the Commissioner read Government Resolution No. 2835, dated 19th July 1889, General Department, as under :—

BOMBAY CASTLE, 19*th July* 1889.

Letter from the Commissioner of Police, Bombay, No. 1971, dated 27th April 1887—Forwarding copy of a letter, No. 1186, dated 25th idem, from the Municipal Commissioner for the City of Bombay, who states that owing to an exchange of land, the police chowki at Byculla is now on land belonging to Mr. J. N. Cabinet-maker ; makes remarks ; and suggests that certain land forming portion of the Education Society's premises may be acquired for the Police Station.

Memorandum from the Judicial Department to the Public Works Department of the Secretariat, No. 2637, dated 6th May 1887.

Memorandum from the Superintending Engineer, N. D, No. 4031, dated 4th August 1887—Forwarding a letter, No. 3283, dated 27th July last, with accompaniments, from the Executive Engineer, Presidency, who forwards plans and estimates, the latter amounting to Rs. 3,752 for constructing a new Police Chauki at Byculla ; and makes remarks.

Memorandum from the Public Works Department of the Secretariat No. 1082-B, dated 29th October 1887.

Memorandum from the Accountant-General, No. B.—21296, dated 12th November 1887.

Memorandum from the Judicial Department of the Secretariat, No. 6774, dated 23 November 1887.

Memorandum from the Judicial Department of the Secretariat, No. 6959, dated 3rd December 1887.—Transferring a letter, No. 5520—15, dated 29th November last, with accompaniment, from the Commissioner of Police, Bombay.

Memoranda from the Judicial Department of the Secretariat, Nos. 7265 and 7415, dated respectively the 19th and 24th December 1887.

Memorandum from the Judicial Department of the Secretariat, No. 1031, dated 20th February 1888.

Letter from the Municipal Commissioner for the City of Bombay No. 17099, dated 2[illegible]ebruary 1888—Reporting that the Municipality does not in [illegible]way appear to be bound to provide funds for the erection of [illegible]hauki in question; and making remarks.

Memorandum from the [illegible]cial Department of the Secretariat, No. 1055, dated 21st F[illegible]y 1888—Transferring one, No. 229B., dated 20th idem, from th[illegible]ublic Works Department of the Secretariat.

Memorandum from the Judici[illegible] Department of the Secretariat, No. 1223, dated 29th February 1888—Retransferring the papers with copies of the papers noted in the margin, for consideration in connection with the general que[illegible]on of Police charges to be borne by the Municipality.

Letter to the Commissioner of Poli[illegible] Bombay, dated 28th February 1888.
Postscript to the Honourable Mr. West[illegible] Minute, dated 25th February 1888.

Memorandum from the Judicial D[illegible]rtment of the Secretariat, No. 1808, dated 29th March 1888—[illegible]nsferring a letter No. 1358—15, dated 21st idem, from the Co[illegible]ssioner of Police, Bombay, who forwards certain correspondence [illegible]at has taken place between the Municipal Commissioner, the Executive Engineer, Presidency, and himself, on the subject of the construction of a new police chauki at Byculla; and requests with reference to the letter from the Executive Engineer, Presidency, No. 1158, dated 17th March 1888, that sanction may be given to the site A therein referred to being acquired under the Land Acquisition Act and that the Collector may be instructed accordingly.

Memorandum from the Public Works Department of the Secretariat, No. 770-B., dated 19th July 1888.

Memorandum from the Judicial Department of the Secretariat, No. 4257, dated 7th August 1888—Stating, in reply to this Department memorandum No. 2665, dated 31st July last, that it appears that the proposed sites for a Police chauki at Byculla are not obtainable except at a considerable cost; and adding that the Commissioner of Police is in communication with the Municipal Commissioner in the hope of obtaining another site in the same locality, and that on receipt of a further report from the former officer, the necessary communication will be made to this Department.

Letter from the Commissioner of Police, Bombay, No. 4247—15, dated 14th August 1888.

Letter from the Commissioner of Police, Bombay, No. 4951—15, dated 22nd September 1888.

Memorandum from the Judicial Department of the Secretariat, No. 5682, dated 15th October 1888.

Memoranda from the Public Works Department of the Secretariat, Nos. 1015-B. and 1090-B., dated respectively 29th September and 27th October 1888.

Memorandum from the Judicial Department of the Secretariat, No. 6036, dated 6th November 1888.

Memorandum from the Public Works Department of the Secretariat, No. 1170-B., dated 26th November 1888.

Memorandum from the Judicial Department of the Secretariat, No. 6432, dated 27th November 1888.

Letter from the Municipal Commissioner for the City of Bombay, No. 16664, dated 10th December 1888—Stating in answer to a reference that the ground on which the old police chauki stood undoubtedly belonged to the Municipality as it formed a portion of the public passage on the south [redacted] of the Byculla Tank, which passage has since been closed [redacted] the sanction of the Municipal Corporation.

Letter from the Municipal Commissioner for the City of Bombay, No. 4963, dated 15th June 188[redacted]—Stating with reference to Government letter No. 9, dated [redacted]th January 1889, that there appears to be no doubt that the[re] is nothing under Section 62 of the Municipal Act to prevent Government from exacting from the Corporation any amount the[y] like on account of police charges, provided that it be "a proportion of the annual expenses" which will naturally include *annual* provision for police buildings as well as all other sums paid to or on account of the Police, but that as Government have not determined the proportion since the present Act came into force, it must be presumed that the arrangement entered into in 1883, still holds good; observing that the whole spirit of the arrangement of 1883 was that Government should take over the whole financial responsibility for the police, and that the Corporation should assume charge of certain other institutions in lieu thereof, that control and financial responsibility were to go together, and that the transfer was to be made on the existing valuation, each party to the arrangement taking the risk of the enhancement of outlay which the future development of their respective institutions might entail; intimating that he is in doubt whether it is now the intention of Government to continue to provide for the police charges in the manner contemplated by the arrangement of 1883, or treating that as obsolete, to proceed under Section 62 of the Municipal Act, and determine what proportion of the annual expenses the Corporation shall provide; and making remarks.

Memorandum from the Judicial Department of the Secretariat No. 3224, dated 19th June 1889—Transferring a letter from the Commissioner of Police, Bombay, No. 3516—15, dated 11th June 1889.

Memorandum from the Judicial Department of the Secretariat, No. 3307, dated 24th June 1889—Transferring one No. 615-B., dated 12th idem, from the Public Works Department of the Secretariat.

RESOLUTION.—The Municipal Commissioner for the City of Bombay should be informed in reply to his letter No. 4963, dated 15th ultimo, that the provision contained in Section 62 of the City of Bombay Municipal Act, 1888, entirely supersedes any prior arrangements and understandings between Government in its executive capacity and the Municipal Corporation. It imposes on Government the duty of considering from time to time what is a fair contribution to demand and on the Corporation the duty of complying with such demand as may be made.

2. Under the orders contained in Government Resolution, Judicial Department, No. 3238, dated 20th ultimo, a Committee is now sitting to consider the necessity for an augmentation of the Police Force of the City of Bombay. It may be expected that the result will be some increase in police charges owing to the growth of the city and consequently in the demand to be made by Government on the Corporation.

3. At present it would be unadvisable to anticipate what further burdens the Corporation may fairly be called on to bear. But it seems in any case clear that th[illegible]tribution which the Corporation may be called upon to make will [illegible]er be so small that any provision for annual rent or cost of b[illegible]gs for police purposes will nearly equal it. It is desirable that as i[illegible]land and other countries accommodation for the police should be [illegible]lly provided, and that in the City of Bombay this provision shou[illegible] be made by the Corporation. In the particular case of the chauki n[illegible]ded at Byculla the Corporation should be asked to provide the site and [illegible]e building. The interest on the cost will form a proper item in the f[illegible]ure adjustment of charges between the Corporation and Government [illegible]d in the determination of the claims which Government may have to m[illegible]e on the Corporation for contributions to the aggregate cost of the police of the city.

J. DE C. ATKINS,
Acting Under-Secretary to Government.

Also read Mr. Inverarity's opinion as follows :—

Query.	*Opinion.*
1. Whether under the provisions of the City of Bombay Municipal Act, 1888, the Corporation can be called upon to provide capital expenditure for Police purposes, as for instance, to provide the land and expenses of erecting a building for the new Police Chowki, required at Byculla.	1. I am of opinion that they cannot.
2. Whether it would be legal for the Corporation to provide such *capital* expenditure.	2. I am of opinion that under Section 118 of the Municipal Act, the Municipal Fund cannot be expended in building chowkis or acquiring land for the Police establishment. Such expenditure is not within Section 62, Clause A. In fact the Government Resolution appears to recognize this as it refers to the interest on the cost forming an item to be afterwards adjusted in account.
And to advise generally.	I should advise the querists to refuse to provide the site and building asked for.

Also read a draft letter prepared by the Commissioner as under :—

BOMBAY, *25th September* 1889.

TO THE SECRETARY TO GOVERNMENT, General Department.

SIR,—With reference to Government Resolution, General Department, No. 2835, dated 19th July, I have the honour respectfully to observe that Section 62 of the City of Bombay Municipal Act imposes on the Corporation the liabili[redacted] a proportion of the *annual* expenses of the Police. As it see[redacted]to me doubtful whether this liability would or could include capit[redacted]lay on Police buildings, &c., I referred the point for Counsel[redacted]pinion. I submit for the information of Government a copy of t[redacted] questions put to Mr. Inverarity and of his replies thereto.

There seems to be no good reason for charging current revenue with the cost of the necessary Police buildings, whether the cost be debitable to Government or the Corporation. The very idea of charging such cost to current revenue has caused this very necessary work to be postponed year after year, whereas some of the buildings at any rate could have been provided long since if the funds had been raised by loan. If such buildings are to be provided by means of a loan, it must be to the interest both of the Government and the Corporation inasmuch as presumably the annual burden of paying off the debt, will be a joint one, that the money should be raised on as favourable terms as possible and better terms can undoubtedly be secured for a Government loan even though it be on Provincial security than for a Municipal loan. But as some of the services rendered by the Police are imperial such as furnishing guards for treasure in transit, &c., &c., the Government of India might not be unwilling as their share in the transaction to undertake the raising of the loan on behalf of the Bombay Government.

Even if the Corporation had the power to incur the capital outlay, the repayment of a loan raised by them as compared with the cost of a Government loan would involve an addition of 1 per cent. to the joint annual expenditure in interest and Sinking Fund.

Against the cost of a loan must be taken into account the considerable saving which would be effected under the present head of rent for quarters.

I hope that as a result of this correspondence the whole subject may now be dealt with comprehensively and that the present state of things which necessarily has become more and more unsatisfactory, may be no longer allowed to continue.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 3858. After discussion it was agreed that the draft letter now read be approved.

With reference to the new Municipal Office building, the Commissioner explained that in the final bill for putting in foundations, there was an item for excavating 550 brass of hard gada (samples laid on the table) for which a rate of Rs. 2-8 per brass was recommended by Mr. Stevens as this material was harder than the gada for which the rate of Rs. 1-4 per brass was covered in the contract and had been come upon unexpectedly. About Rs. 1,500 have been realized by the sale of the excavated gada and the amount of 550 brass can be met from that sum.

After discussion it was—

No. 3859. *Resolved* : "That the rate for 550 brass be increased from Rs. 1-4 to Rs. 2-8 per brass."

With reference to the claim made by Government in the Public Works Department for rent on account of the whole area of land at Bori Bunder taken for stacking the materials of the new Municipal building, the Commissioner took the opinion verbally of the Standing Committee as to whether it would be better for the Municipality to enclose part of the public roadway thereat for the stacking of the materials, &c., with a view to lessening the area to be taken from Government, or whether under the circumstances it would be better to pay the full rent demanded by Government instead of encroaching upon any portion of the roadway.

After discussion, it was agreed that it would be better not to enclose any portion of the road, and it was—

No. 3860. *Resolved* : "That sanction be given to the payment of Rs. 210 per mensem from the contingencies for the new Municipal Office building to provide for the rent of Government land whilst occupied by building materials."

BOMBAY, *2nd October* 1889.

AT the meeting of the Standing Committee held this day, there were present :

THOMAS BLANEY, Esq. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R. E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the CHIEF ACCOUNTANT ; and the MUNICIPAL SECRETARY.

A letter was received from the Chairman, Dosabhai Framji, Esq., C.S.I., apologising for non-attendance.

On the motion of Cowasjee Hormusjee, Esq., seconded by K. M. Shroff, Esq., Colonel Merewether was called to the chair.

The minutes of the meeting held on the 25th ultimo, were signed.

Resolved : "That the following be *recorded*:—Memoran-
No. 3966. dum No. 11236, dated this day, from the Commissioner, reporting, with reference to the Committee's Resolutions Nos. 4484 and 5549, dated 3rd October and 26th December 1888, respectively, the transfers of Rs. 50,653-5-0, from (1) the Miscellaneous Works Loan of 1888-89 deposit account, Rs. 50,000 to the Municipal General Fund pass book on the 24th September 1889, and (2) the Sanitary Works Loan Sinking Fund account Rs. 653-5-0, to the Municipal Loans Sinking Fund deposit account on the 25th idem."

The consideration of the question of the removal of offal from the Municipal Slaughter-houses was further postponed, as seven days have not elapsed since the date when tenders were advertised.

Considered letter No. 1531, dated 14th September 1889, to the Commissioner, as under :—

SIR,—With reference to the late Town Council's Resolution No. 1208, dated 17th November 1886, and the latter portion of their Resolution No. 1444, dated 22nd December 1886, I have the honor to forward, for information of that body, the accompanying statement showing the investments of the different loan and reserve funds up to 31st March 1889.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

No. 10363 OF 1889-90.

BOMBAY, 19*th September* 1889.

Forwarded to the Standing Committee for information.

E. C. K. OLLIVANT, Commissioner.

Statement showing the Invested Loan

				Amount.		
				Rs.	a.	p.
1.	Sinking Fund of the 6 °/₀ Loans of 1867 and 1868			21,000	0	0 *a*
2.	Municipal Building Fund—					
	1881			2,50,000	0	0
	1882			50,000	0	0
	1883-84			20,000	0	0
			Rs...	3,20,000	0	0
	Interest and Profit up to February 1885			27,310	7	7
			Rs...	3,47,310	7	7
	1884-85	Rs. 50,000	0 0			
	Less expended	„ 800	12 4			
				49,199	3	8
	1885-86	Rs. 50,000	0 0			
	Less expended	„ 42	6 10			
				49,957	9	2
	1886-87			50,000	0	0
	1887-88			50,000	0	0
	Interest up to 15th March 1887			37,962	8	0
	Do. up to 15th March 1888 ...	Rs. 13,847	9 11			
	Less expended	„ 798	0 0			
				13,049	9	11
	Interest and Profit up to			55,576	10	10
			Rs...	6,53,056	1	2
	Less expended in 1888-89			90,088	0	0
			Rs....	5,62,968	1	2 *b*
3.	44 Lakhs Sanitary Works Loan		Rs....	8,54,150	5	0 *c*
4.	Tansa Loan	Rs. 17,00,000	0 0			
	Do.	„ 30,00,000	0 0			
	Do.	„ 25,00,000	0 0			
		Rs. 72,00,000	0 0			
	Less Drawn—					
	During 1886-87. Rs. 11,90,000					
	Do. 1887-88. „ 19,10,000					
	Do. 1888-89. „ 24,00,000					
		55,00,000	0 0			
				17,00,000	0	0 *d*

and Reserve Funds up to 31st March 1889.

How Invested.					Remarks.			
Deposited in cash with the Bank of Bombay at interest.					*a.* *Vide* Annual Report for 1888-89.			
4 °/₀ Government Paper for Rs. 5,68,600.....=Rs.	5,62,557	2	0					
Deposited in cash at the Bank of Bombay at interest ...Rs.	410	15	2					
Rs.	5,62,968	1	2		*b.*	Do.	do.	do.
4 °/₀ Government Paper for Rs.	9,00,000				*c.*	Do.	do.	do.
4 °/₀ Government Paper for Rs. 8,11,000 5 °/₀ Municipal Bond for Rs. 8,94,500								
Rs. 17,05,500=Rs.	16,99,174	1	0					
Deposited in cash at the Bank of Bombay at interest ... Rs.	825	15	0					
Rs.	17,00,000	0	0		*d.*	Do.	do.	do.

			Amount.		
			Rs.	a.	p.
5.	7 Lakhs Sanitary Works Loan ... ...Rs.	7,00,000 0 0			
	Less drawn—				
	During 1887-88. Rs. 4,00,000				
	Do. 1888-89. [redacted] 1,00,000				
	„	5,00,000 0 0			
			2,00,000	0	0 *e*
6.	12 Lakhs Drainage and Water Works Loan ... ... Rs.	12,00,000 0 0			
	Less drawn during 1888-89 ... „	4,00,000 0 0			
			8,00,000	0	0 *f*
7.	Tansa Loan Interest Deposit Account...		9,09,294	6	7 *g*
8.	Municipal Loans Sinking Fund		1,48,804	12	6 *h*
9.	Miscellaneous Works Loan of 1888-89. Rs.	3,70,500 0 0			
	Less drawn during 1888-89 ... „	1,48,500 0 0			
			2,22,000	0	0 *i*
10.	Surplus Cash		9,88,632	0	0 *j*

How Invested.					Remarks.			
5 °/₀ Municipal Debenture for Rs. 1,00,500 .....=Rs.	1,00,500	0	0					
Deposited in cash at the Bank of Bombay at interest ... Rs.	99,500	0	0					
Rs.	2,00,000	0	0	*e.*	Vide Annual Report for 1888-89.			
5 °/₀ Municipal Debenture for Rs. 6,03,000 .....=Rs.	6,03,000	0	0					
Deposited in cash at the Bank of Bombay at interest ... Rs.	1,97,000	0	0					
Rs.	8,00,000	0	0	*f.*	Do.	do.	do.	
4½ °/₀ Government Paper for Rs. 1,97,000 =Rs.	2,01,432	8	0					
4 °/₀ Government Paper for Rs. 4,72,000 =Rs.	4,69,482	3	0					
Rs. 6,69,000 =Rs.	6,70,914	11	0					
Deposited in cash at the Bank of Bombay at interest.....Rs.	2,38,379	11	7					
Rs.	9,09,294	6	7	*g.*	Do.	do.	do.	
5 °/₀ Municipal Bond for Rs. 1,48,500 .....=Rs.	1,48,520	0	0					
Deposited in cash at the Bank of Bombay at interest.....Rs.	284	12	6					
Rs.	1,48,804	12	6	*h.*	Do.	do.	do.	
5 °/₀ Municipal Debentures for Rs. 2,21,500.....=Rs.	2,21,512	0	0					
Deposited in cash at the Bank of Bombay at interest.....Rs.	488	0	0					
	2,22,000	0	0	*i.*	Do.	do.	do.	
4 °/₀ Government Paper for Rs. 9,93,600 .....=Rs.	9,88,632	0	0	*j.*	Do.	do.	do.	

Resolved : "That the return of the investment of loans
No. 3967. and reserve funds up to 31st March 1889, received under memorandum No. 10363, dated 19th ultimo, from the Commissioner, be *recorded*."

No. 3968. In accordance with notice of motion, Mr. K. M. Shroff moved—

"That the Municipal Commissioner be requested to furnish information in regard to the result of the auction sale (held on the 25th July last) of the piece of land at the corner of Hornby Road and Gunbow Street, Fort."

The Commissioner said that the surplus land available for re-sale out of the properties purchased was 226 square yards, and that the highest bid was Rs. 17,000, but this included the value of the right to set forward, &c., estimated at Rs. 2,000, so that the highest sum offered was in fact Rs. 15,000, although the Municipality had paid Rs. 17,000; the least that the Municipality ought to realize in his opinion was Rs. 19,000. There were purposes for which the site might be useful, as for instance, the site of a Fire Brigade Station, though personally he did not consider it the best site for the purpose.

Upon the explanation given by the Commissioner, Mr. Shroff withdrew his notice.

Resolved : "That, with reference to their letter, dated
No. 3969. 27th ultimo, regarding cesspool belonging to Mr. Almeida at Matharpakhadi, Messrs. L. F. DeSouza, M. Pereira and another be informed that they have already received a complete reply."

Proposed by the Chairman, seconded by Mulji B. Barbhaya, Esq.—

"That, in reply to their letter, dated 27th ultimo,
No. 3970. regarding water rate and halalkhor cess charged on their godowns, Messrs. Lakhamsi Nupa, Naronji Virji and others be informed that their letter has been forwarded to the Commissioner for disposal, as the levy of the rate and the cess is authorised by the Municipal Act."

Carried.

Considered Progress Reports, for the months of July and August 1889, of the Tansa Water Works, forwarded

by the Commissioner under his memorandum No. 11237, dated this day, as under :—

Tansa Dam.—The only work done in these months has been some quarrying in preparation for the coming season, the quantities of work done and remaining to be done being the same as last reported.

Water in the lake commenced to rise about the middle of June and overflowed through the temporary escape on the 10th of July, there being now a depth of about 65 feet of water against the dam in the deepest portion, the dam itself being about 70 feet high at this place. The water has also spread over a considerable area of formerly occupied land.

Statement showing work done and remaining is attached.

Duct.—The only work in progress has been tunnelling and bridge work, 912 lin. ft. of tunneling by hand and machinery having been done during the two months under report. The quantity of water to be contended with at tunnel No. 2, in the rainy months, seriously retards progress. The same applies, but with less effect, to the other tunnels. The last span of the Bassein Creek bridges has been erected, the only work now remaining to complete the same being about 20 tons of bracings to be fixed and some scraping and painting, &c. During the next season's work the above bridges will be in use for the conveyance of pipes and materials across the creek. There are 23 spans of 100 feet each in these bridges.

Statement showing work done and remaining is attached.

Cast-iron pipes.—No pipes arrived during the months under report, the total delivery from the commencement of operations being 34,100 tons, the same as last reported.

Statement showing progress made with the masonry of the Tansa Dam.

Description.	R. L. of river bed portion.	Quantity of masonry executed.	Quantity remaining (approximately).
		c. ft.	
State of work at opening of season 1888-89	347	2,708,100	
Work done in October and November 1888	350	206,900	
Work done in December 1888 ...	353	290,000	
Do. in January 1889 ...	358	424,000	
Do. in February „ ...	361	384,900	5,300,400 c.ft.
Do. in March „ ...	364	408,100	
Do. in April „ ...	366	436,000	
Do. in May and June ...	367	341,700	
Do. in July and August ...	.....	None.	
Total ...	.....	5,199,700	

STATEMENT showing progress of work on the principal items on the Tansa Duct, Season 1888-89.

	Total progress up to									Remaining to be done (approximately).
	31 May '88.	30 Nov. '88	31 Dec. '88	31 Jan. '89.	28 Feb. '89	31 Mar. '89	30 Apr. '89	31 May '89 and 30 June '89	31 July '89 & 31 Aug. 89.	
Excavation for Conduit ..... c. ft.	53,50,000	62,40,000	72,90,000	83,60,000	92,63,000	99,19,000	1,10,31,600	1,14,82,900	*Nil.*	78,87,100
Masonry in Conduit..... "	4,07,134	4,16,600	4,51,400	5,05,100	7,25,400	9,52,900	11,85,600	13,51,000	--	26,34,000
Tunnelling .... l. ft.	2,500	4,300	4,700	5,214	5,695	6,220	6,922	7,975	8,887	*See* details attached.
Excavation for pipe track .. c. ft.	28,18,000	29,14,000	30,41,000	31,67,000	32,18,000	32,92,000	33,30,865	33,78,400	*Nil.*	21,600
Embankment .. "	53,94,000	55,70,000	59,57,593	65,01,000	65,89,000	66,99,000	67,83,900	70,31,800	..	84,100
Tramway laid .. l. yds.	11,024	13,380	14,600	14,600	14,600	18,800	19,800	19,800	..	10,120
Erecting Bassein Creek Bridges Tons.	550	1,050	1,240	1,380	1,530	1,700	1,850	2,000	2,080	20
Laying 48" Siphons..... l. ft.	..	..	..	..	..	21,600	24,300	24,700	..	71,100

Tansa Duct.—Detail of progress made in Tunnels up to 31st August 1889, including work done in July 1889.

Number of tunnels.	Progress made.			Remaining to be done (approximately).	Remarks.
	North face.	South face.	Total.		
	Lineal feet.	Lineal feet.	Lineal feet.	Lineal feet.	
1	.....	.....	232	.....	Driven through.
1A	20	297	317	211	
2	1,303	3,121	4,424	3,578	
3	175	301	476	589	
4	650	319	969	1,330	
5	.....	.....	619	.....	Driven through.
6	74	.....	74	666	
7	641	900	1,541	1,877	
8	64	140	204	1,396	
9	.....	15	15	1,385	
10	16	.....	16	916	
			8,887	11,948	

T. C. H. WHITE, C.E.,
for *Executive Engineer*,
TANSA WATER WORKS.

Resolved : "That the Progress Reports, for July and August 1889, of Tansa Water Works be *recorded*."

No. 3971.

Considered the Progress Reports, up to the end of August 1889, of new works now in course of construction.*

Resolved : "That the Progress Reports, up to the end of August 1889, of new works now in course of construction, be *recorded*.

No. 3972.

"That the Commissioner be requested to direct that in future the works be shown under the usual heads as follows :—namely, those which have been completed, those which are in progress and those which have not yet been commenced."

The Commissioner informed the Committee that the Administration Report for the year 1888-89 is in print, and that, under section 124 (3) of the Municipal Act, it is for the Committee to direct which of the appendices, attached to the reports of the several heads of departments, should be printed and compiled.

Proposed by the Chairman, seconded by E. B. Carroll, Esq.—

"That Messrs. Thomas Blaney, Javerilal Umiashankar Yajnik, and Muncherji N. Banaji be appointed a sub-committee to consider and decide which appendices to the reports of heads of departments shall be printed and attached to the Report.

No. 3973.

"That the Standing Commitee will await the 'review' to be submitted by the Chairman."

Carried.

Resolved : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 11247, dated this day."

No. 3974.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 29th September 1889.†

The following return was read and *recorded*:—

Return of fire at Tardeo, forwarded with the Commissioner's memorandum No. 10952, dated 26th September 1889.‡

* *See* Appendix C. † *See* Appendix B. ‡ *See* Appendix D.

The Commissioner informed the Committee that, having found that the new main sewers were surcharged and that there was a considerable deposit of silt in them due apparently to the admission of storm-water and road detritus from the old sewers with which, as they were aware, there were temporary connections, and having found also that the pumping machinery at Love Grove was seriously out of order, one of the four pumps being altogether unable to work, he had endeavoured to borrow portable pumps and engines to take its place temporarily, but without success. As he considered the matter one of great urgency, he had, under these circumstances, been obliged to purchase the necessary pumps from Messrs. Richardson & Cruddas under section 64, subsection 3, clause *c*, of the Act; and as required by that section he took the earliest opportunity of reporting the purchase, the details of which would best be explained by Messrs. Richardson & Cruddas' letter which he now laid before the Committee. He had also requested Messrs. Richardson & Cruddas to make a complete survey of the fourth pumping engine, as soon as the temporary pumps were put up, in order to see exactly what was required; and as soon as one pumping engine had been put to rights, he proposed to have each of the others similarly treated in succession, so that all might be restored to a satisfactory condition during the fair season. Until Messrs. Richardson & Cruddas submitted their survey report, it was impossible for him to say with any precision what sum would be required, though no doubt the outlay would be considerable, and at present he could only ask them to sanction a payment of Rs. 5,000 "on account" for the purpose mentioned in Messrs. Richardson & Cruddas' letter. The original cost of the four pumping engines was about Rs. 1,80,000. He thought it would probably be desirable to retain permanently "in situ" the 18″ centrifugal pump now ordered, but as to this he could better express an opinion later on : and he might mention that, under any circumstances, the Municipality ought to have a portable 10″ centrifugal pump in stock, as the want of one had been repeatedly felt on occasions of bursts in the mains. On such occasions the habit had been, in default of a better alternative, to use the fire engines which were quite unsuited for the purpose.

Mr. Ollivant then read the following letter from Messrs. Richardson & Cruddas, and said that he communicated

these circumstances to the Committee under the provisions of section 117 of the Act:—

T. No. 1926. BOMBAY, 30*th September* 1889.

THE MUNICIPAL COMMISSIONER, BOMBAY.

DEAR SIR,—With reference to the conversation that took place on the 20th instant, between you and our Mr. Elsworthy, we wish to place on record the instructions then received.

We agreed to let you have one of the pumps of Messrs. Glover & Co., and have sent this on Saturday to Mr. Baker's stores at Falkland Road; with the pump we have sent 3 lengths of wrought iron piping 6 feet each, 2 lengths of 3 feet each, 3 cast-iron bends, 1 foot valve and 36 bolts $\frac{7}{8}$" diameter; we will try and get you these from Messrs. Glover & Co. per Rs. 1,000. In addition to this, we have to supply an 18" centrifugal pump with engine attached. This is second hand and will require some slight repairs, so we have put these in hand. We will arrange to meet Mr. Smith at Love Grove Pumping Station to see when this pump had better be fixed. We estimate that this pump with steam connection to your boilers and short exhaust steam pipe, suction pipe and foot valve with holding-down bolts will cost Rs. 3,400. This does not include any masonry for foundations or the shed for the pump house, nor any delivery pipe as the length of this will depend on where the pump is placed. With regard to the repairs to the main pumping engines, we will defer any remarks until such time as we can see what is required. We think that, so soon as the 18" centrifugal is in working order, and if you can depend upon 3 of the pumping engines being in fairly good order, the 4th one might be safely opened out and inspected thoroughly without any fear of a catastrophe from want of pumping appliances, as two engines and the centrifugal pump will, we think, be sufficient to keep down the sewage, should one of the 3 engines by any unforeseen accident be stopped.—

We are, &c., RICHARDSON & CRUDDAS.

The Committee expressed their approval of the action taken by the Commissioner, and

No. 3976. *Resolved*: "That the Corporation be recommended to sanction the expenditure of Rs. 5,000 from available balances, on account of cost of supplemental machinery temporarily required at the Love Grove Pumping Station.

"That copy of letter No. 1926, dated 30th ultimo, from Messrs. Richardson & Cruddas, with precis of the Commissioner's remarks, be forwarded to the Corporation for information."

No. 3977. With reference to the Resolution of the Committee, No. 3602, dated 11th ultimo, regarding the payment to Government of the pension contribution by Surgeon-Major T. S. Weir, the Commissioner informed the Committee that Counsel's opinion on the point had been received and it was agreed that the papers be circulated.

The Commissioner stated that the rate allowed by the Chief Judge of the Small Causes Court for land taken up at Paidhoni was far in excess of previous rates, and recommended that an appeal be made to the High Court with the view to obtain a settlement of the general principles of valuation.

No. 3978. It was agreed that the papers in this case be circulated.

BOMBAY, 9*th October* 1889.

AT the meeting of the Standing Committee held this day, there were *present* :

DOSABHAI FRAMJI, Esq., C.S.I, *Chairman*.

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 2nd instant, was postponed.

Read letter No. 11475, dated 7th instant, from the Commissioner, as follows :—

SIR,—I have the honour to request the sanction of the Standing Committee, under section 91 of the Municipal Act, to apply to Government for the acquisition, under the Land Acquisition Act, of the land shown on the accompanying tracing, measuring 9,095·83 square yards, situate at Clerk Road, and belonging to the Gordon Mills Company.

As will be seen from the tracing, the land is immediately adjacent to that recently acquired by the Collector at Rs. 1-9-0 per square yard, excluding 15 per cent. for compulsory acquisition from Mr. Byramji Jejeebhoy for the deposit of town sweepings, and is needed for the same purpose.

2. This application is necessary, because I am unable to obtain the land on reasonable terms by private negotiations.

3. The cost will be debited to the proposed loan of 2 lakhs for the purchase of land for disposal of sweepings.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his letter No. 11475, dated 7th instant, sanction be given, under section 91 of the Municipal Act, to the Commissioner's applying to Government for the acquisition,

No. 4144.

under the Land Acquisition Act, of 9,095·83 square yards, or thereabout, situate at Clerk Road and shown in red colour on the plan* accompanying the Commissioner's above letter, and belonging to the Gordon Mills Company, the land being required for a public purpose, *viz.*, the deposit of sweepings.

"That, pending the raising of the necessary loan, the Corporation be recommended to sanction the payment of cost by advances from available balances."

Carried.

No. 4145. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 11239, dated 2nd instant, the rate for the 81·66 square yards of ground, or thereabout, taken up from Mr. Aba Habib for the improvement of Walkeshwar Road, be increased from Rs. 3 to Rs. 8 per square yard."

Considered again letter No. 11240, dated 2nd instant, from the Commissioner, as follows :—

SIR,—The late Town Council in their Resolution Nos. 1428, 1429, and 1430, dated 22nd December 1886, sanctioned set-backs of 96·75 square yards of ground at Nagdevi Road at Rs. 20 per square yard, 48·84 square yards at Paidhoni Road at Rs. 20 per square yard, and 42·79 square yards at Old Memonwada at Rs. 25 per square yard, while the actual area added to the roads is 88·45, 50·73 and 25 square yards respectively. The Council also sanctioned in their Resolution No. 1432 of 22nd December 1886, a set-forward of 19·45 square yards at Paidhoni Road at Rs. 20 per square yard, while the actual area is 21·81 square yards. On appeal to the Chief Presidency Magistrate, the rates have been increased as follows :—Nagdevi Road from Rs. 20 to Rs. 49 per square yard, Paidhoni Road from Rs. 20 to Rs. 134 per square yard, Old Memonwada from Rs. 25 to Rs. 83-10-0 per square yard, and for the set-forward at Paidhoni Road from Rs. 20 to Rs. 134 per square yard. The Magistrate has allowed 15 per cent. for compulsory acquisition. He has also awarded Rs. 45 as costs. I have ordered the payment of the whole sum, namely, Rs. 11,890, under section 118 (*f*) by debit to the Street Improvement Grant, the same head to which the sanctioned sum was debitable. I agree with the Solicitors, correspondence with whom is attached, that, for the settlement of the principles involved, it is desirable that an appeal should be made.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Read minutes of members, Messrs. Blaney, Javerilal U. Yajnik, Muncherjee N. Banajee, and Fazulbhoy Visram objecting to the proposed appeal : Mr. Kaikhosro N. Kabraji, Major Selby, and Mr. Dosabhai Framji in favour of appealing.

* Filed in Supplement to Minute-books for 1889-90, marked A.

Proposed by Major H. O. Selby, seconded by Kaikhosrú N. Kabraji, Esq.—

No. 4146. "That, with reference to letter No. 11240, dated 2nd instant, from the Commissioner, sanction be given to an appeal being made to the High Court with a view to a settlement of the general principles of valuation of land taken up by the Municipality for street improvement."

On a division, the motion was *carried* by 7 votes *against* 5.

No. 4147. The seal of the Corporation was affixed to 40 renewals of the old bonds of the Drainage Loan of 1878, Nos. 2361 to 2400, both inclusive, of the value of Rs. 500 each.

Considered again memoranda Nos. 9641 & 11158, dated respectively 6th September 1889 and 1st instant, from the Commissioner forwarding letter, dated 5th ultimo, from Surgeon-Major T. S. Weir, Health Officer (and Counsels' opinion) on the subject of pension contribution payable to Government by Surgeon-Major Weir who points out the hardships entailed on him by the rule of Government, requiring that he should contribute, out of his pay of Rs. 1,500 per mensem, Rs. 321-6-10 per mensem.

Proposed by Major Selby, seconded by the Chairman—

No. 4148. "That, in the present state of the law, it is out of the power of the Corporation to increase the pay of the Health Officer beyond Rs. 1,500 per mensem, the limit prescribed by the Act, inclusive of any payments he may have to make to Government.

"The Standing Committee, however, will be prepared to consider the question of Dr. Weir's leave allowance should he, on consideration, feel inclined to submit the question again."

Carried.

No. 4149. *Resolved*: "That, as per the terms of the Commissioner's letter No. 11524, dated 8th instant, the Corporation be recommended to sanction an additional grant of Rs. 755, from Surplus Cash Balance, to provide for the increased rate for removal of offal from the Slaughter-house at Bandora from the 1st instant up to the end of the current financial year."

Resolved: "That, as applied for by the Commissioner in his letter No. 11248, dated 2nd instant, sanction be given, under section 305 of the Municipal Act, to the service of notices upon the owners of the several premises fronting or adjoining or abutting on the private street, called 3rd Fofalwadi Lane, near Bhuleshwar, requiring them to level and metal or pave, and light the said lane as the Commissioner shall direct.

No. 4150.

"That, in respect of under-ground drainage, the Commissioner be requested to proceed under sections 231 and 260 of the Act."

Resolved: "That, as applied for by the Commissioner in his memorandum No. 11,238, dated 2nd instant, sanction be given, under section 305 of the City of Bombay Municipal Act, 1888, to the service of notices upon the owners of houses abutting on or fronting or adjoining the private street called "Ganeshwadi Lane," requiring them to level, metal or pave, drain and light the said street as the Commissioner shall direct.

No. 4151.

"That, in respect of under-ground drainage, the Commissioner be requested to proceed under sections 231 and 260 of the Act."

Read letter No. 11192, dated 1st instant, from the Commissioner as follows :—

SIR,—In continuation of the Resolution of the Corporation, No. 7172, dated 20th March last, I have the honour to request the Standing Committee to recommend the Corporation to sanction a further sum of Rs. 2,400 from Surplus Cash Balance in connection with the steps being taken for putting on a satisfactory footing the means of verifying weights and measures.

The sum of Rs. 1,500 sanctioned under the Resolution above referred to was the estimated cost of certain "measures" only. Other measures and also weights and the requisite appliances are required to form a complete set.

I also deem it necessary to provide 2 sets of weights and measures, one to be used in the daily work of testing, and the other to be kept in my office as the standard set.

The amount for which sanction is now asked is made up as follows:—1 set of avoirdupois weights, Rs. 206 ; 1 set of local seer weights, Rs. 47 ; 2 sets of tola, Rs. 103 ; 2 yard measures, Rs. 40 ; 2 guz measures, Rs. 40 ; a second set of measures, Rs. 1,500 ; stamps, letters, figures, &c., Rs. 116 ; printing dead-stock and contingencies, Rs. 348 —Total Rs. 2,400.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved: "That, as applied for by the Commissioner in his letter No. 11192, dated 1st instant, the Corporation be recommended to sanction an

No. 4152.

additional grant of Rs. 2,400, from Surplus Cash Balance to provide for the cost of weights and measures and other appliances required for putting on a satisfactory footing the means of verifying weights and measures."

Resolved : "That, as proposed by the Commissioner in his letter No. 11384, dated 5th instant, sanction be given, under section 19, clause (6), of the Municipal Act, to the charging of Re. one per copy of the preliminary Municipal Election Roll."

No. 4153.

Read report of the Sub-Committee appointed by the Standing Committee to consider and decide which Appendices to the Reports of Heads of Departments shall be printed and attached to the Report, as under :—

"The Sub-Committee went carefully through the whole of the Appendices to the different departmental reports contained in the Administration Report for 1887-88, which may be taken to be practically the same as those for the last year, and as the result they can only recommend the omission of the following details :—

"Executive Engineer's Report, pages 167—173, 'Statement of works executed under the supervision of the Inspectors of drains.'

"Pages 178—196, 'Statement of stoneware pipes and cast-iron fittings, &c., received and issued on account of drainage and other works.'

"Page 197, 'Statement of cement received and issued, &c.'

"Pages 198—201, 'Statement showing the balance of English articles in stock.'

"Pages 203—205, 'Statement showing quantity and cost of work done, Beehive Destructor.'

"The Sub-Committee recommend that the Assessor and Collector's Report should be printed in full year by year."

"THOMAS BLANEY. *Chairman* ; MUNCHERJEE N. BANAJEE ; JAVERILAL UMIASHANKAR YAJNIK."

After discussion, it was agreed, at the suggestion of the Commissioner, that the stock of Drainage articles be entered in the general stock list.

Proposed by E. B. Carroll, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

"That the dead-stock list be left out of the Annual Report and printed yearly as a separate compilation."

No. 4154.

Carried.

The consideration of the Administration Report for the year 1888-89 was postponed, and it was agreed that the draft review now handed in, be circulated in the meantime.

The consideration of memoranda Nos. 8365 & 11328, dated respectively 14th August and 3rd instant, from the Commissioner, asking approval of the Committee to the serving of notice on Mr. Dadabhai Bamanji Jijibhai, requiring him to fill in the well attached to his house No. 29, Rampart Road, was further postponed.

Considered letter, dated 2nd instant, from Mr. Pandurung Vishnu Abhayankar, forwarding correspondence between himself and the Commissioner on the question of the refusal of the Commissioner to grant applicant a license to act as Surveyor.

No. 4155. *Resolved* : " That, with reference to his letter, dated 2nd instant, Mr. Pandurung Vishnu Abhayankar be informed that the Standing Committee are unable to interfere with the Commissioner's decision. "

Considered memorandum No. 3965, dated 2nd instant, from the Municipal Secretary, forwarding, for remarks of the Standing Committee, letter to the President, dated 2nd idem, from Mrs. Caroline Marcks, praying that she may be allowed compassionate allowance in consideration of the services in the Municipality of her brother Mr. F. M. Barreto, late Clerk, Executive Engineer's Office.

No. 4156. *Resolved* : " That the Corporation be informed that, under the existing Pension Fund Rules, the Standing Committee are unable to sanction the grant of compassionate allowance to Mrs. Caroline Marcks."

No. 4157. *Resolved* : " That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 11607, dated this day."

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 6th October 1889.*

The Municipal Secretary informed the Committee that the Report of the Auditors for the year 1888-89 has been received, and that, in accordance with section 137 (2) of the Municipal Act, it has been forwarded to the Commissioner.

* *See* Appendix B.

BOMBAY, 16*th October* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, ESQ., C.S.I., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The minutes of the meetings held on the 2nd and 9th instant, were signed.

No. 4287. *Resolved* : " That, as applied for by the Commissioner in his memoranda, Nos. 11899, 11900, 11901, 11918, 11919, 11920, 11921 and 11953, dated 15th instant, and No. 12007, dated this day, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures, built without permission :—

Name of Owner.	Where.	
Messrs. Rajaram Tyabji & Co. ...	Building	at Argyll Road.
Mr. Kassumbhai Musabhai, Manager of the Estate of H. H. the late Agha Khan	Do.	at Nos. 60-68, Imamwada Road.
Mr. Chimanlal Pardesi	Do.	at Nos. 23-27, Umerkhari Road.
Hadji Jonus Hadji Essak	Do.	at Nos. 23-27, Old Nagpada Cross Lane.
Mr. Virji Rowji	Do.	at No. 538, Girgam Road.
Bai Barkoobai, widow of Devoo Luxumon...	Do.	at Agripada.
Mr. Pandurung Ramchandra ...	Do.	at Ghorupdeo Road.
Mr. Balaji Bhagwantrao	Do.	at Haines Road, west side.
Mr. Alarakia Dewraj	Do.	at Arthur Road, east side."

No. 4288. The seal of the Corporation was affixed to deed of conveyance, from Mr. Dayal Narsi, of ground taken up for the improvement of Malabar Hill Road.

The seal was also affixed to 32 renewals of old debentures of the Drainage Loan of 1878, Nos. 639 to 644, both

inclusive, 653, 707 to 709, both inclusive, 820 to 823 ditto, 852-854, ditto, 972, 1212 to 1215, both inclusive, 1255 to 1257, ditto, 1848 to 1851, ditto, and 1853 to 1855 ditto, of Rs. 500 each.

Considered again memoranda Nos. 8365 and 11328, dated respectively, 14th August and 3rd instant, from the Commissioner, asking approval of the Committee to the serving of notice on Mr. Dadabhai Bomanji Jijibhai, requiring him to fill in the well attached to his house No. 29, Rampart Row.

Read memorandum from the Health Officer No. 15712, dated 14th instant, to the Commissioner, as follows :—

"In an adjoining room an iron bucket has been placed. The floor of the room, when I inspected, was covered with urine. From this room a drain runs past the well. There is a slight oozing into the well, although it has been cleaned. The owner has not done what he should do, that is, built new privies with proper drainage. The representation from the owner is herewith forwarded."

Also letter, dated 11th idem, to the Health Officer, as under :—

SIR,—I have the honour to inform you, in reply to your letter of the 10th instant, No. 15389, that, according to the interview with you, Mr. Smetham and myself and your suggestion thereto, I have done all what was required, and the well has been also cleaned, and the premises have been duly inspected by an Inspector of the Municipality.

I further beg to state the sweeper does not keep the privy properly cleaned, and the tenants take no notice thereof, and this they should do as they use it.—I have, &c., DADABHAI BOMANJI JIJIBHAI.

Resolved : "That, with reference to the proposed service of notice on Mr. Dadabhai Bomanji Jijibhai, requiring him to fill in the well attached to his house at Rampart Row, the papers be referred back to the Commissioner in view of the Health Officer's last report, with a request that if the owner prefers to do so, he may be allowed to improve the privy, instead of being called upon to fill in the well."

No. 4289.

Ordered: "That the following be laid on the table :—Letter, dated 10th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audit-

No. 4290.

ed the weekly statement of receipts and disbursements of each week for the month of September last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

No. 4291. *Resolved* : "That letter No. 11860, dated 14th instant, from the Commissioner, reporting, as required by section 69 (*d*) of the Municipal Act, the purchase of the following articles from Messrs. John Fleming & Co., at a cost of Rs. 809-2-0, be *recorded* :—

Quantity required.	Specifications.	Rate.	Per	Amount.
		Rs. a. p.		Rs. a. p.
50	Main springs for clocks	2 4 0	Each	112 8 0
20	Complete plates with levers, balances and wheels	20 12 0	"	415 0 0
12	Tube wrenches, steel, for fixing wires and discs	4 4 0	"	51 0 0
500	Metallic balance cords for 3", 4" and 6" meters ...	0 4 6	"	140 10 0
40	Do. do. 9" meters ...	0 5 6	"	18 12 0
5	Brass pulleys for 9" meters	1 12 0	"	8 12 0
50	India-rubber tubes, ½" diar. for air-tight covers, 4" and 6" meters	.....		60 0 0
5	Wire cutting plyers at Rs. 1-8-0 per pair	.....		7 8 0
	Total...Rs.			809 2 0"

No. 4292. *Resolved* : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 12034, dated this day."

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 4293. "That the Corporation be recommended to sanction an additional grant of Rs. 2,500, from surplus Cash Balance, as per their Resolution No. 4236, dated 10th instant, to meet the amount due to Mr. F. W. Stevens, C.I.E., for revising the assessment of buildings and lands vesting in Her Majesty."

Carried.

No. 4294. *Resolved*: "That, with reference to letter No. 11984, dated 15th instant, from the Commissioner, sanction be given to his entering into a lease

with the owner of the present Fire Brigade quarters at Hornby Road for a period of 3 years at a rental of Rs. 250 a month, commencing from the 1st instant."

No. 4295. *Resolved*: "That, having heard the statement of the Commissioner upon the subject of the road improvement at the junction of Dhunjee Street and Girgam Back Road, sanctioned in the late Town Council's Resolution No. 283, dated 26th May 1886, and now estimated to cost Rs. 10,193, the Standing Committee confirm the previous Resolution, except so far as the application to Government under the Land Acquisition is concerned, instead of which, the Commissioner will now proceed under section 299 of the Municipal Act."

No. 4296. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 11871, dated 14th instant, sanction be given to the transfer of Rs. 16-5-4, from savings in Section I., Establishment, Love Grove Sluices, Engineer's Budget, to Section I, Establishment, B, Warli sluices, maintenance of sluices, same budget, to meet the wages of an additional man employed from the 12th April to 31st May last at the Warli sluices as the new sluice gates were found too stiff to be worked by one man."

No. 4297. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 12033, dated this day, sanction be given to the transfer of Rs. 461-0-10 from savings in Section III, Surveyors and Draftsmen, Engineer's Budget, to Section I, Assessor and Collector, Assessment and Collection Department Budget, Rs. 325-5-4, and to Section III, Ward Inspection Offices, same Budget, Rs. 135-11-6, to meet the cost of acting arrangements made during the absence of the Assessor and Collector and a Ward Superintendent on privilege leave."

Considered letter No. 11980, dated 15th instant, from the Commissioner, forwarding the following letter which Major Bisset desires may be placed before the Committee :—Letter, dated 28th ultimo, to the Commissioner, as under :—

DEAR SIR,—I take an opportunity of bringing before you again the subject of our communications some years ago when I handed you a rough plan showing how by taking a few yards of land from Mr.

Forbes Adam's compound (which, I understand, he has expressed his readiness to sell) and by utilizing an old road round the edge of Mr. Clerke's compound, it is possible to connect the public road known as Winter Road with the public road recently named Pawai Road.

The portion of road to be constructed is very short, only a few yards, and I understood from you that you were most anxious to see it made.

I take the opportunity of a change in tenants of the only house whose compound would be at all affected (Mr. W. Clerke's) to urge upon you the great need that exists for completing the connection between these two public roads. To the occupants of this house, the want of this short bit of road not 50 yards in length, means a drive round by the Telephone Office and Mount Pleasant Road, a distance of more than half a mile, instead of a direct approach *via* Winter Road and the new link; and this is a very serious inconvenience which is shared, though not to the same extent, by Messrs. Grattan Geary, Starling, Hargrave and Scaramanga, who will, I am sure, support my request that you will kindly lay this application before the Municipal Committee with a recommendation that the road may be arranged for at an early date.—Yours, &c., W. S. S. BISSET.

The Commissioner read letter, dated 7th instant, from Mr. L. R. W. Forrest, as under :—

DEAR SIR,—I beg to inform you that the landlord of the house lately occupied by Mr. Clerke is building a wall across the road leading into Pawai Road, and is thus blocking up what one of the oldest residents on the hill, the late Mr. J. Best, used to say, had for years and years been a thoroughfare.

It would be interesting to know if the landlord has any legal right to this road.

The Municipality would be conferring a great favour on many bungalows on the hill if this* road could be taken across a small portion of Messrs. Graham & Co.'s compound. I understand they are willing to sell it.

Mr. Ollivant also read his reply, No. 11565, dated 8th idem, to Mr. Forrest, as follows :—

SIR,—In reply to your letter of yesterday I have the honour to state that I have no jurisdiction as to rights of way, my powers of inter-

* Thus joining Winter and Pawai Roads.

ference being limited to certain control over 'Streets' as defined in the City of Bombay Municipal Act. I cannot, therefore, prevent the construction of the wall to which you refer.

I agree with you that a junction of the Winter and Pawai Roads would be a great convenience to persons residing in or frequenting that locality, but any action necessary to effect that improvement must be taken by the adjoining owners or by the inhabitants interested. When I made inquiries into the matter some time ago, I was informed that Messrs. Graham & Co. were not willing to sell any portion of their property.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 4298. *Resolved*: "That, with reference to letter, dated 28th ultimo, from Major Bisset, asking that Winter Road may be connected with Pawai Road, the Commissioner be requested to reply to Major Bisset in terms of letter to Mr. Forrest, No. 11565, dated 8th instant."

No. 4299. *Resolved*: "That letter, dated 14th instant, from Mr. Morlidhar Katchu, complaining of nuisance from the Agripada drain, be referred to the Commissioner, and the applicant informed accordingly."

Considered memorandum No. 11977, dated 15th instant, from the Commissioner, forwarding letter No. 1731, dated 9th idem, from the Chief Accountant, as follows :—

SIR,—With reference to the Standing Committee's Resolution No. 201, dated 24th April 1889, I have the honour to forward the accompanying two lists, marked A and B, showing the grants for the past official year, payable out of current revenue and loan funds, respectively, which were not expended before the close of that year, but which will have to be spent during the current year.

From list A it will be observed that the liabilities payable out of current revenue, aggregate Rs. 4,05,083-10-1 against the lapsed grants aggregating Rs. 4,66,611-13-8. The saving of Rs. 61,528-3-7 has gone to increase our surplus Cash Balance.

It will further be observed that the lapsed grants payable out of loan funds aggregate Rs. 9,16,736-1-10 as per list B.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

A.

List of Lapsed Grants for 1888-89 (payable out of Current Revenue), which require to be renewed during 1889-90.

	Balance of the Grant lapsed.	Total Amount lapsed.	Amount to be renewed.	Total Amount to be renewed.	Savings on the lapsed Grant.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Standing Committee and Corporation Establishment.						
Section II.—Establishment	60 5 9		60 0 0			For payment of acting allowance to Mr. Narayen Damle for acting as head clerk for 8 months. The payment of the acting allowance was sanctioned on 27th March 1889 and the pay sheet submitted on 12th April 1889.
„ IV.—Contingencies, Stationery, Printing, &c.	2,671 14 2		649 1 0			
		2,732 8 11		709 1 0	2,023 2 11	To meet payment of bills for matting fixed to the Corporation Hall and for printing and advertisement charges which were submitted for payment during 1889-90.
Assessment and Collection Department.						
Section II.—Office Establishment	199 7 1		187 1 8			To meet unpaid salaries of clerks, &c., on leave during January and February 1889, and acting allowance due to others.
„ III.—Ward Inspection Office	689 12 2		387 11 5			
„ IV.—Contingencies, Stationery, Printing, &c., Binding and repairing old Assessment Books	100 0 0		100 0 0			
„ VII.—Furniture for New Ward Offices...	1,281 1 11		50 0 0			
		2,270 5 2		724 13 1	1,545 8 1	

Fire Brigade.						
Section I.—Establishment	1,107 11 8		15 0 0			To meet the pay of an extra Engineer during the absence of one permanent Engineer during February 1889. The pay abstract of the acting incumbent was submitted in 1889-90.
„ III.—Contingencies for extinguishing fires...	97 7 11		48 0 0			Bill for rent of the room for the Baboola Tank Road sluices for December 1888, and January and February 1889 submitted in 1889-90.
„ IX.—Rent	25 0 0		25 0 0			The rent bill for the Parel station for February 1889 received only on 18th May 1889.
„ XII.—New charges on account of Fire Brigade	32,344 15 4		31,343 5 6			To meet the cost of constructing the Parel Fire station and lascars' quarters at Pydhoni and other works to be undertaken hereafter.
„ VII.—Cost of Stores	3,330 8 9		*3,330 8 9			* For cost of stores to be ordered out from England.
		36,905 11 8		34,761 14 3	2,143 18 5	
Market and Slaughter Houses.						
Section I.—Superintendence	104 4 3		41 1 2			To meet the pay of Sub-Inspector Enock Solomon from 6th to 28th February 1889, who was then under suspension.
„ VIII.—Contingencies, Stationery, Printing, &c.	90 0 6		0 4 0			The contingent bill for January and February 1889 was received in April 1889.
„ IX.—Repairs	718 18 8		701 10 8			For fixing slabstones to 10 fish-stalls in A. C. Markets. The slabstones arrived from England during the current year.
		908 2 5		742 15 10	165 2 7	
Vaccination Establishment, ...		776 6 2		288 0 0	488 6 2	To meet the salaries of the Assistant Superintendent and one Vaccinator, who were on privilege leave during January and February 1889.
Carried over ...		43,592 18 4		37,226 12 2	6,366 1 2	

	Balance of the Grant lapsed.	Total Amount lapsed.	Amount to be renewed.	Total Amount to be renewed.	Savings on the lapsed Grant.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward ...		43,592 13 4		37,226 12 2	6,366 1 2	
Municipal Engineer's Department.						
Section I.—Salaries of the Executive Deputy and Assistant Engineers ...	1,907 10 0		1,451 9 10			To meet the payment of the leave allowance due to Mr. Walton from 3rd January to 28th February 1889 which became due on 1st April 1889.
„ II.—Office Establishment	838 7 1		324 7 9			To meet the pay of the extra establishment employed for bringing up arrears of records.
„ V.—Contingencies, Stationery, Printing, &c., purchase of books and periodicals	63 12 0	2,809 13 1	63 12 0	1,839 13 7	969 15 6	For cost of books ordered out from England.
Watering (Roads)—A.						
Section II.—Watering by carts...	5,167 3 0		5,167 3 0			In payment of charges preferred by Messrs. Vishnoo Narsingrao & Co., at the enhanced contract rates for bullock pairs supplied during 1888-89, and for cost of tanks, &c., ordered out from the Workshops.
„ V.—Cost of new water carts (30) ...	6,600 0 0	11,767 3 0	6,600 0 0	11,767 3 0		The carts were not completed during 1888-89.
Road Repairs and Maintenance—B.						
Section II.—Cart hire and labour, including road-scraping	9,355 12 11		8,375 5 2			To meet the charges preferred by Messrs. Vishnoo Narsingarao & Co., at the enhanced contract rates for carts and bullock pairs supplied during 1888-89.

" III.—Paving footpaths	13,047 0 3		13,047 0 3			To meet the cost of completing the pavement work undertaken last year.
" VI.—Ground rent	144 5 8		105 0 0			This rent bill remained unpaid before the close of 1888-89.
		22,547 2 10		21,527 5 5	1,019 13 5	
Street Improvements		98,260 10 3		98,260 10 3		To meet the payments of compensation for plots of lands taken up during 1888-89 and in previous years.
Drainage—Miscellaneous Drainage.						
Section II.—Cleaning, repairing and altering miscellaneous drains		14,106 10 10		7,080 13 7	7,025 13 3	To meet the charges for completing the works sanctioned during 1888-89.
Maintenance of Sluices.						
Section VII.—Renewal of Worli Sluice Gates..		2,000 0 0		2,000 0 0		This work was not completed during 1888-89.
Maintenance of Public Gardens.						
Victoria Gardens—A.						
Section IV.—Roads, benches and miscellaneous new works	10,860 0 8		10,860 0 8			
" V.—Water supply—B—Water pipes...	430 9 10		430 9 10			
		11,290 10 6		11,290 10 6		
Elphinstone Circle Garden—B.						
Section II.—Repairs and painting to railings, gates, &c.		239 5 6		239 5 6		
Carried over ...		2,06,614 5 4		1,91,232 10 0	15,381 11 4	

	Balance of the Grant lapsed.	Total Amount lapsed.	Amount to be renewed.	Total Amount to be renewed.	Savings on the lapsed Grant.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward ...		2,06,614 5 4		1,91,232 10 0	15,381 11 4	
New Works.						
New latrines and urinals...	24,379 3 5		24,379 3 5			
New night-soil depôt at the south end of DeLisle Road	5,823 3 4		5,823 3 4			
Purchase of open spaces	12,000 0 0		12,000 0 0			
Additional water entrances on the east side of Parel Road	787 2 6		787 2 6			
Water entrances in Khetwady 12th lane and in Churni Road	190 4 2		190 4 2			
Water entrances in Khetwady Main Road from 1st to 3rd lane	685 2 5		685 2 5			
Two additional water entrances in Nesbit Road	10 2 4		10 2 4			
Water entrances at junction of Bapu Khote Street and Erskine Road	273 10 5		273 10 5			
Two new water entrances in Bellasis Junction Road	70 8 7		70 8 7			
Ventilating shafts, Marine Lines, Mayo Road and Queen's Road	5,406 9 0		5,406 9 0			
Construction of Small-pox Hospital	288 11 8		288 11 8			
Vaccination quarters and stables	15,000 0 0		15,000 0 0			
Health Department stables in F and G Wards	8,678 4 7		8,678 4 7			
Ward Offices, Assessment Department ...	12,367 2 1		12,367 2 1			
Engineer's Chowkies	17,502 2 6		17,502 2 6			
Cost of erection of one of the proposed Cholera Hospitals	13,160 0 0		13,160 0 0			
Purchase of land for new cross road from Ripon Road to Byculla...	4,259 9 0		4,259 9 0			
Charni Road extension to Falkland Road ...	13,958 12 10		3,650 0 0			
Purchase of land for Fergusson Road	1,437 14 1		1,437 14 1			

Cost of new lamps for lighting the Wellington Fountain	3,240 0 0			3,240 0 0			
Cost of lamps, lamp-posts, brackets, &c., for lighting the Prince's and Victoria Docks ...	5,318 0 0			5,318 0 0			
Laying Gas mains at the Victoria and Prince's Docks	5,310 0 0			5,310 0 0			
Extra works in connection with the Carnac Bunder night soil Depot	724 14 3			724 14 3			
Experiments in cutchra burning	2,845 13 3			1,457 4 0			
		1,53,717 2 5			1,42,019 12 4	11,697 6 1	
Famine relief camp		2,440 14 8			100 0 0	2,340 14 8	
Discretional contingencies		2,397 0 1			2,160 0 0	237 0 1	To meet refund of deductions made from Messrs. Littlewood and Dadabhoy's bills for supply of road metal during 1888-89 and the cost of removing earth from the Gibbs Road retaining wall to the Malabar Hill Reservoir.
		3,65,169 6 6			3,35,512 6 4	29,657 0 2	
Water Works—Maintenance.							
Section IV.—Contingencies	2,712 0 8			38 8 8			
„ VI.—Repairs to public wells and fountains	3,531 13 9			3,531 13 9			
		6,243 14 5			3,570 6 5	2,673 8 0	
New Works.							
Additions and alterations to the Vehar Bungalow	3,884 4 11			3,884 4 11			
Rooms over the sluice house, Vehar and Tulsi Mains	1,050 7 4			1,050 7 4			
Preparing and lithographing copies of plans of water mains	1,260 0 0			1,260 0 0			
Fixing hydrants	3,284 5 10			3,284 5 10			
New catch-water channels at Vehar	1,326 3 10			1,326 3 10			
Laying mains in Lady Jamsetjee and other roads	3,676 10 3			3,676 10 3			
New offices and store-room, and a store for dipping tank	2,167 5 0			2,167 5 0			
W. W. Maintenance carried over ... Rs.	16,649 5 2	6,243 14 5		16,649 5 2	3,570 6 5	2,673 8 0	
Carried over ... Rs.		3,65,169 6 6			3,35,512 6 4	29,657 0 2	

	Balance of the Grant lapsed.	Total Amount lapsed.	Amount to be renewed.	Total Amount to be renewed.	Savings on the lapsed Grant.	REMARKS.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward ...		3,65,169 6 6		3,35,512 6 4	29,657 0 2	
W. W. Maintenance brought forward ...	16,649 5 2	6,243 14 5	16,649 5 2	3,570 6 5	2,673 8 0	
New Works—otd.						
Alterations of mains for Deacon's meter system and fixing additional meters	3,559 0 5		3,559 0 5			
Construction of a Chawl at Vehar	2,606 7 0		2,606 7 0			
Additional catch-water channels at Vehar ...	3,600 0 0		3,600 0 0			
		26,414 12 7		26,414 12 7		
		32,658 11 0		29,985 3 0	2,673 8 0	
Nesbit Road Bridge...		381 0 3		381 0 3		
Pensions and Gratuities.						
Pensions		} 188 6 4		188 6 4		
Compassionate Allowance						
Debt, Municipal Fund Interest.						
House Rate and Market Loans	14,817 4 10		619 9 5			
Drainage Loans of 1878	6,425 0 0		6,425 0 0			
44 lakhs Sanitary Works Loan	18,112 8 0		18,112 8 0			
7 Do. do. do.	1,000 0 0		1,000 0 0			
12 Do. Drainage and Water Works Loans ...	23,012 8 0		8,012 8 0			
		63,367 4 10		34,169 9 5	29,197 11 5	
Water Works Fund Interest.						
Tansa Water Works Loan		4,847 0 9		4,847 0 9		
Total ... Rs.		68,214 5 7		39,016 10 2	29,197 11 5	
Total of lapsed grants payable out of current revenue ... ... Rs.		4,66,611 13 8		4,05,083 10 1	61,528 3 7	

B.

STATEMENT of Lapsed Grants on account of different Loan works for 1888-89, which require to be renewed during 1889-90.

	Amount lapsed under each head.	Total Amount lapsed.	Total Amount lapsed under each Loan.	Amount to be renewed.	Total Amount to be renewed.	Total Amount to be renewed under each Loan.	REMARKS.
17 Lakhs Loan for Drainage.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Pipe sewers	32,476 12 3			32,476 12 3			
Contingencies	1,343 6 9			1,343 6 9			
Bhandarwada Loan of 10 lakhs.		33,820 3 0			33,820 3 0		
Bhundarwada Water Works		44,728 9 5			44,728 9 5		
Surface Drainage Works (Loan of Rs. 8,12,000, Portion of 44 lakhs loan).			78,548 12 5			78,548 12 5	
Contingencies		5,225 15 11			5,225 15 11		
Drainage Works sanctioned out of the 15 lakhs loan, portion of 44 lakhs loan.							
Provision for shaft ventilators throughout.....	11,752 2 8			11,752 2 8			
Closing storm-water openings in Frere Road sewer	21,341 2 9			21,341 2 9			
Drainage works sanctioned out of the Rs. 20,88,000 loan. portion of the 44 lakhs loan.		33,093 5 5			33,093 5 5		
Pipe sewer from Clare Road along south portions of Haines and DeLisle Roads	3,982 12 8			3,982 12 8			
Ovoid sewer from the Crawford Market down Hornby Road and Bazar Gate and thence to the Mint	3,315 15 7			3,315 15 7			
Road sanctioned out of the Rs. 20,88,000 loan portion of the 44 lakhs loan.		7,298 12 3			7,298 12 3		
New road from Bellasis Road across old Race course		1,655 8 3			1,655 8 3		
Carried over ... Rs.		47,273 9 10	78,548 12 5		47,273 9 10	78,548 12 5	

	Amount lapsed under each head.	Total Amount lapsed.	Total Amount lapsed under each head.	Amount to be renewed.	Total Amount to be renewed.	Total Amount to be renewed under each loan.	Remarks.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Brought forward ... Rs.		47,273 9 10	78,548 12 5		47,273 9 10	78,548 12 5	
Sanitary Works sanctioned out of the Rs. 20,88,000 loan, portion of the 44 lakhs loan.							
Enlargement of Dhobi lines at Mahaluxmi.....		43,953 4 0	91,226 13 10		43,953 4 0	91,226 13 10	
7 lakhs Sanitary Works Loan, Drainage Works.							
Drainage, Fort	66,346 5 3			66,346 5 3			
Extra grant on account of Queen's Road Intercepting Sewer	6,610 5 4	72,956 10 7		6,610 5 4	72,956 10 7		
Water Works.							
Malabar Hill Reservoir Roofing extra grant ...	45,926 9 1			45,926 9 1			
Extra grant for the adjustment of expenditure on Bhandarwada Reservoir Works, new outlet tower at Vehar, less savings on 17 lakhs Loan Works and various Water Works included in the Sanitary Works loan	2,598 5 6	48,524 14 7	1,21,481 9 2	2,598 5 6	48,524 14 7	1,21,481 9 2	
Tansa Loan.							
Tansa Water Works			2,22,713 11 10			2,22,713 11 10	
			5,13,970 15 3			5,13,970 15 3	
12 Lakhs Drainage and Water Works Loan, Drainage Works.							
Queen's Road House Sullage Water Connections		1,88,578 3 1			1,88,578 3 1		

Water Works.						
18" Main in Frere Road from Bbandarwada Reservoir to Carnac Road and 12" main from Carnac Road to Mint		12,781 15 10	2,01,360 2 11		12,781 15 10	2,01,360 2 11
Loan of Rs. 10,08,500, *for Drainage and Water Works, Markets and Roads.*						
Markets.						
Erskine Road Market Extension		1,13,187 0 8			1,13,187 0 8	
Water Works.						
Concrete trench waste weir, Vehar Lake ...	16,464 8 10			16,464 8 10		
Mains in 14 streets west of Frere Road and other mains in various streets...	16,711 2 10			16,711 2 10		
Arthur Road Connection Works...	7,863 3 9			7,863 3 9		
Deacon's meters	1,212 0 0			1,212 0 0		
		42,250 15 5			42,250 15 5	
Roads.						
Cross road at Mahaluxmi Station		22,929 0 0			22,929 0 0	
			1,78,367 0 1			1,78,367 0 1
Works for which Loans are still to be raised.						
Water Works.						
Extension of catch-water channels at Tulsi ...		19,601 0 0			19,601 0 0	
Drainage Works.						
Survey for Pipe Sewers in Oomercarry and other districts		3,436 15 7			3,436 15 7	
			23,037 15 7			23,037 15 7
Total ...Rs.			9,16,736 1 10			9,16,736 1 10

No. 4300.

Resolved : "That statements A and B shewing balances of the revenue and loan grants for the year 1888-89, and the Chief Accountant's letter No. 1731, dated 9th instant, forwarded by the Commissioner under his memorandum No. 11977, dated 15th idem, be *recorded*."

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 13th October 1889.*

The following return was read and *recorded*:—

Return of fires at Fort, Frere Road and Agripada, forwarded with the Commissioner's memoranda Nos. 11767 and 12009, dated respectively 12th and 16th October 1889.†

The consideration of the draft Review of the Administration Report of the Commissioner for the year 1888-89, was proceeded with—

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by K. M. Shroff, Esq.—

"That the consideration of the Report and Review be postponed till Friday next."

Amendment, moved by Colonel G. L. C. Merewether, seconded by Fazalbhoy Visram, Esq.—

"That the draft Review and Report be now considered."

On a division, the amendment was *carried* as a substantive proposition by 8 votes *against* 2 votes.

The draft Review was then read and considered para. by para.

Paras. 1 and 2 were agreed to without alteration.

Para. 3, line 24.—It was agreed, on the proposal of Mr. Mulji B. Barbhaya, that after the word "*charges*," the following words be inserted :—"The fact that the duty on petroleum which was estimated to yield one lakh of rupees, was abolished as a Municipal duty from 1st April 1889."

The words "Secretary of State" were inserted in place of the words *Government of India*, before the words "in restricting."

* *See* Appendix B. † *See* Appendix D.

On the proposal of Colonel Merewether, the following words at the end of the para. after the words 40 *years*, were struck out:—"Thus rendering the new Act a dead letter, as there the period of limitation is 60 years;" the words as under being inserted in place thereof:—

"Notwithstanding the magnitude and the lasting nature of the Tansa works, and that the Act provides for a limit of 60 years."

Para. 4 was agreed to without alteration.

Para. 5.—On the motion of Mr. Javerilal Umiashankar Yajnik, this para. was *struck out* and the following words were inserted in place thereof:—"The steady increase in building operations during the year and the growth of the city in population, combined with the improvements effected in the Assessment and Collection Department, as explained in previous reports, have brought about an increase in the valuation of property. On 31st March the total rateable value was increased by Rs. 11,58,667."

On the proposal of Mr. Fazulbhoy Visram, the following words were added after the figures Rs. 11,58,667:—"making a grand total of Rs. 2,39,51,043, of which Rs. 2,11,38 534 were chargeable with general tax."

Para. 6.—Proposed by Colonel Merewether, seconded by Fazulbhoy Visram, Esq., that para. 6 do stand as part of the Review.

There were 5 votes *for* and 5 votes *against* the motion, which by the casting vote of the Chairman, was *lost.*

Paras. 7, 8, 9 and 10 (now 6, 7, 8 and 9, respectively), were agreed to without alteration.

Para. 11 (now 10) line 2.—The words "very much" were struck out and the word "great" was inserted in place thereof.

The words "in this point," line 9, were struck out, and the following words were inserted in place thereof:—"regarding birth registration and vaccination."

The words "birth registration and vaccination," line 11, were struck out, and the following words inserted in place thereof:—"these two services."

Para. 12 (now 11).—At the suggestion of the Commissioner the words "Mr. Ollivant has" were struck out, and the word "is" was inserted after the word "scheme."

Para. 13 (now 12) was agreed to without alteration.

Para. 14 (now 13).—The word "should" was struck out, and the word "will" was inserted in place thereof.

The following additional sentence was inserted :—

"Under section 39 of the new Act, the management of preliminary schools has been entrusted to a Joint Committee of the Corporation and of gentlemen nominated by Government. Of this Committee Dr. Blaney is Chairman."

Para. 15 (now 14) was agreed to without alteration.

Resolved : "That the Annual Administration Report for the year 1888-89, and the Review thereof as now agreed to, as follows, be forwarded to the Corporation" :—

No. 4302.

Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1888-89.

ACT (Bombay III) of 1888 came into operation on 14th September 1888, and in accordance with section 124 (3) thereof, the Standing Committee now submit to the Corporation the accompanying "Review" of the Commissioner's Administration Report for the year 1888-89.

2. The year was remarkable on account of the following circumstances : (1) the introduction of the new Act, which provides for many improvements in administration, enlarges the number of representatives returned by the Rate-payers and enfranchises the University and the Chamber of Commerce ; (2) the welcoming to Bombay of the Marquises of Dufferin and Lansdowne, the late and present Viceroys ; (3) the death of one of the oldest and most valued members of the Corporation, the late Sir Frank H. Souter ; and (4) the progress made with the Tansa Water Works and many other undertakings of importance and utility, including the commencement of the new Municipal Offices at Bori Bandar.

3. It is very satisfactory to the Committee, that in this, their first "Review," they are able to congratulate the Corporation on the healthy condition of the Municipal finances for, although, consequent on the reduction of the duty on grain, sugar and ghee and from other causes, there was a falling off, as compared with the previous year, of Rs. 2,70,853 from Town Duties, and of Rs. 22,422 from Wheel Tax, there was still a net increase, generally, of Rs. 3,19,442 over the estimates. This increase was due to enhancement of revenue

from rates and taxes, interest on investment of loan funds, sale of land, &c. It is important to note that, whilst the revenue to Government from Liquor Licenses is nearly 3 lakhs a year, Government, under the terms of Act V of 1878, only pay Rs. 1,43,750 thereof to the Municipality, and the remarks of the Chief Accountant on this subject will doubtless receive the attention of the Corporation. The Committee are of opinion that a further effort should be made to induce the Legislature to make such equitable alteration of the law as would enable Government to make over to the Corporation a yearly sum that would fairly represent the average revenue derived. The Corporation may fairly ask for the concession, having regard to the large outlay which the further improvements of the city will involve, the probability of the Municipality being called on to make a large contribution towards additional police charges, the fact that the duty on Petroleum which was estimated to yield one lakh of rupees, was abolished as a Municipal duty from 1st April 1889, and the circumstance that, consequent on the action of the Government of India in reducing the duration of the Tansa Water Works loan and all future loans from 60 to 40 years, half a lakh per annum more than was originally agreed to has to be provided for the sinking fund of the Tansa Loan; and about one-half per cent. more for sinking fund charges of all future loans. On the subject of loans generally, the Committee cannot but express entire concurrence with Mr. Ollivant's para. 20 as to the extreme hardship inflicted on the Municipality by the Secretary of State in restricting the duration of Loans to 40 years, notwithstanding the magnitude and the lasting nature of the Tansa Works, and that the Act provides for a limit of 60 years.

4. The total ordinary revenue was Rs. 49,66,192, or with balances from the previous year Rs. 63,30,791 as against the expenditure of Rs. 52,01,258. During the year the outlay from Loan Funds on Tansa Water Works, on Sewerage, Markets and other undertakings was Rs. 31,92,096; and as a proof of the efforts, which are being made to provide for the ever-increasing requirements of the city in the direction of sanitation and otherwise, the Committee draw attention to the statement that the expenditure on such special works from Loans, during the last 5 years alone has been Rs. 99,48,830, or nearly a krore. On 31st March last, the

total assets were valued at Rs. 3,87,63,442 and the liabilities at Rs. 2,51,35,733 (of which, Rs. 2,38,29,801 were on account of Loans), the balance in favour of assets being thus shown at Rs. 1,36,27,709.

5. The steady increase in building operations during the year and the growth of the city in population, combined with the improvements effected in the Assessment and Collection Department, as explained in previous reports, have brought about an increase in the valuation of property. On the 31st March the total rateable value was increased by Rs. 11,58,667, making a grand total of Rs. 2,39,51,043, of which Rs. 2,11,38,534 were chargeable with the General Tax.

6. The Engineering works in progress are fully described in the reports of the several Engineers. These works included the erection of ventilating shafts in various districts, completion of house connections in Khetwadi, progress of pipe sewers and house connections in Queen's Road district, sundry new branch sewers, surveys for house connections, of a large portion of Agripada, of the entire sewerage of Colaba, and for pipe sewers and ovoid sewers in Umbarkhari, Bhuleshwar, Kharatalao, Tarwadi, Mazagon, Byculla, Chinchpokli and Parel districts. The Commissioner begs the Corporation to remember, that apart from the evils inherent to a want of systematic sewerage, there is an ever-increasing risk of disaster from allowing, even as an inevitable temporary expedient, the new sewers and the new pumping machinery to be applied to a purpose which they were never designed to serve. The rapid extension of buildings makes the sewerage of the northern districts a matter of pressing importance, and no time should be lost in arriving at a definite conclusion as to the best sewage outfall for those districts. Satisfactory progress was made at Tansa although the excavations for the dam foundations continued to give trouble, and will cause an excess on the estimate, and although there was a panic among the workpeople consequent on an outbreak of cholera at Atgaon. The duct works and the bridges at Bassein Creek for the mains, were also well advanced. The works for the prevention of leakage at Vehar waste weir, repairing dam No. 2, and the construction at Tulsi of additional catch-water channels, were completed or advanced, and in Bombay itself, nearly 8 miles of 27" and other mains were laid (in addition to the 27" one in Arthur

Road). Fire hydrants were fixed to all new mains, and 200 hydrants added to the old mains. Dipping wells are being abolished, and the substitution of taps and fountains is being carried out. Additional filtration, both for Vehar and Tulsi water, and further reservoir accommodation are urgently needed. New 9″ and 12″ mains will have to be laid down in various districts.

7. The Commissioner's observations regarding the necessity for improving the state of some of the roads, the question of street lighting, regulation of streets and buildings, list of municipal buildings completed or in course of construction, improvement of the Victoria Gardens, &c., will be found at pages 25 to 29.

8. It is unsatisfactory to note that the state of public health was not so good as in the previous year, the total number of deaths being 22,421 equal to a death-rate of 25·16 per 1,000 of population as against the average of 24·97 during the past five years. There were 379 cases of cholera or 11 above the average of the past five years, but some of the increase was clearly traceable to importation in a scandalous manner by a coasting steamer from Bhavnagar. Small-pox was epidemic and carried off 482 persons although a special hospital was opened and the usual measures adopted on such occasions were enforced. From fever, the deaths were 6,642, or 332 more than the average as above.

9. For a great part of the year, the city was infested by a crowd of paupers, mostly sturdy vagrants from Kathiawar and Guzerat, who refused honest work that was offered to them, and, as beggars, were a source of nuisance and danger to the health of the city. They were ultimately induced to depart, and it is to be hoped that measures will be devised to protect Bombay from a recurrence of this infliction.

10. So far, the efforts which have been made to improve the Registration of Births have not resulted in great improvement, the average birth-rate per 1,000 of population being returned at 21·67 although in some instances the rate was remarkably high. Thus, Eurasians 81·33, Jews 40·95, Jains 33·62, Parsees 30·88, Hindoo low-castes 29·31. It has to be remembered, too, that among some classes there is an immense preponderance of males. The Commissioner asks that reference may be made to his remarks regarding birth registration and vaccination in the Reports for 1881, 1883-84 and 1885-86, and expresses the opinion that it is

quite time that these two services should be worked together, whether under the direct supervision of the Sanitary Commissioner or as a branch of the Health Department.

11. The Health Department's record of work done is satisfactory. On an average nearly 4,000 workpeople were employed daily, 823 carts were in work, 822 tons of garbage and 348 tons of night-soil collected and removed daily. It is becoming a pressing question, however, where the garbage is to be disposed of when the piece of swamp on the Flats which was recently purchased by the Municipality has been all used up ; and the Committee are, therefore, glad to know that a scheme is in hand for ultimately disposing of town sweepings on the tract of swamp between Kurla and Thana. Notwithstanding the largeness of the staff of the department, a considerable increase therein is inevitable, consequent on the rapid extension of buildings, especially in unsewered districts.

12. There was a considerable increase in the revenue from Markets and Slaughter Houses, and the Corporation will find in the Report, details in connection with the working of those establishments, of the Fire Brigade—in respect of which the new Act has imposed additional obligations on the Commissioner—of the number of street accidents, of the receipts and expenditure on primary schools, number of scholars, &c.

13. The Auditors' Report is, as usual, carefully prepared and will be found of value on several points. Under section 39 of the new Act, the management of Primary Schools is entrusted to a Joint Committee of the Corporation and of gentlemen nominated by Government. Of this Committee, Dr. Blaney was appointed Chairman.

14. A Sub-Committee of the Standing Committee went carefully into the question of the "Appendices" with a view to shortening them, and the Standing Committee have decided to omit for the future a few unimportant "Statements" in the Executive Engineer's Report, as also the "Dead Stock Return." Accordingly, under the terms of section 124 (3) of the Act, the Standing Committee direct that the Appendices *minus* these statements be appended to the compilation in the usual way.

Resolved: "That letter, dated 15th instant, from Mr. Narayen Parshotamji and others, regarding encroachment made by Haji Hasam Haji Ab-

No. 4303.

dula upon a public passage in Shekodi Lane, be forwarded to the Commissioner, and the applicants informed accordingly."

No. 4304. *Resolved*: "That sanction be given, under Rule VI, clause (*b*), of the Pension Fund Rules, Section C, Chapter I, of the Municipal By-laws, to the payment of a pension of Rs. 24-8-3 per mensem (calculated on the average of the applicant's highest pay during the period of his service) from 2nd September 1889 to Mr. Putoba Shrikrishna, clerk, Assessment and Collection Department."

The Chairman intimated that for some time past, owing to his being frequently away from Bombay, he has been unable to attend the meetings of the Committee regularly, and as it was likely to be so for some time hereafter he did not think it consistent with his sense of duty to continue in the post of chairman. He had therefore placed his resignation of the office of Chairman in the hands of the Municipal Secretary to be laid before the Committee at their next meeting, and gave notice of his intention to propose Mr. Blaney as his successor.

No. 4305. *Resolved*: "That the Commissioner be authorized to notify in the public papers that any person tendering for one lakh of rupees or over of the 25 lakhs on account of the Tansa Water Works loan, will, on the acceptance of his tender, be allowed a brokerage at the rate of $\frac{1}{8}$ per cent."

On the question of fixing a minimum rate, there was some discussion, and it was decided by 5 votes (*against* none) that no minimum be fixed.

BOMBAY, 23*rd October* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

DOSABHAI FRAMJI, Esq., C.S.I., *Chairman*.

THOMAS BLANEY, Esq.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The signing of the minutes of the meeting held on the 16th instant, was postponed.

Resolved : "That letter, dated 16th instant, from Mr. Dosabhai Framji, C.S.I., tendering his resignation of the office of Chairman of the Committee, be *recorded*."

No. 4474.

In accordance with notice of motion it was—

Proposed by Dosabhai Framji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That Thomas Blaney, Esq., be elected Chairman of the Standing Committee."

No. 4475.

Carried unanimously.

Proposed by Mulji B. Barbhaya, Esq., seconded by E. B. Carroll, Esq.—

"That the best thanks of the Committee be tendered to Mr. Dosabhai Framji, C.S.I., for the very valuable services which he has rendered to the Municipality both as Chairman of the Standing Committee and of the late Town Council, and for the zeal and ability which in those capacities, he has always devoted to the Municipal service.

No. 4476.

"The Committee are glad to think that it will always be a source of gratification to Mr. Dosabhai Framji to remember, that he was the first elective Chairman appointed to preside over this Committee."

Carried with acclamation.

Resolved : "That, as applied for by the Commissioner in his memorandum No. 12225, dated 18th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

No. 4477.

Name of Owner.	Where.
Mr. Khimji Lukhmidas	... Building at Nos. 51-53, Manordas Street."

Resolved : "That the following be *recorded* :—Letter No. 12213, dated 18th instant, from the Commissioner, reporting, as required by section 92 (*a*) of the Municipal Act, that he has sold by public auction the right of gathering custard apples in the Victoria Gardens for a sum of Rs. 155."

No. 4478.

Resolved : "That the Committee's Resolution No. 3351, dated 28th August last, be cancelled, and that, as applied for by the Commissioner in his memorandum No. 12346, dated 22nd instant, sanction be now given, under sections 211 and 517 (*j*) of the Municipal

No. 4479.

Act, to a suit being filed in the Court of Small Causes, against Mr. Framji Edulji Sonavala for the recovery of Rs. 806-4-7 on account of property taxes from 1st April 1889 to 31st March 1890, in respect of properties, Ward No. 211, Street No. 104, Colaba Road, Ward No. 2679, Street No. 35, 4th Marine Street, Ward No. 7966, Street Nos. 186 to 190, Grant Road, Ward No. 1830, Street No. 2, Khetwady Main Road, and Ward Nos. 4796, 4797 and 4799, Street Nos. 125, 126 and 128, Gopi Tank Road."

No. 4480. *Resolved* : "That application, dated 17th instant, from Messrs. Karsondas Natha and Ibrahim Pir Mahomed, objecting to the levy of Halalkhor cess and water rate in respect of their properties, be referred to the Commissioner for disposal and that the applicants be informed accordingly."

No. 4481. *Resolved* : "That the following be referred to the Commissioner for favour of remarks :—Petition, dated 19th instant, from Cooverbai, widow of Jamsetjee Jewanjee General, asking that she may be allowed compensation for alleged damage done to her house, No. 63, Bomanjee Lane, Fort, by the drainage operation thereat."

No. 4482. *Resolved* : That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 12439, dated this day.

No. 4483. *Resolved*: "That letter, dated 22nd instant, regarding Zaoba's oart from Messrs. Lukshmikant Ramchandra and Venkatesh Mahadev Kelkar, be forwarded to the Commissioner in continuation of the Resolution of the Standing Committee, No. 3412, dated 4th September last, and that the applicants be informed accordingly."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 20th October 1889.*

No. 4484. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 12395, dated 22nd instant, sanction be given, under section 91 of the Municipal Act, to his acquiring, under the Land Acquisition Act, the plot of land admeasuring 120 square yards, or

* *See* Appendix B.

thereabout, required from the Bombay Education Society's premises at Byculla for the purposes of street improvement thereat."

Resolved : "That letter, dated 22nd instant, from Mr. Damodar Harishankar Joshi, requesting permission to repair the second storey of his house Nos. 28 to 32, Bhoiwada 2nd Row, be forwarded to the Commissioner for disposal and the applicant informed accordingly."

No. 4485.

Read letter No. 12458, dated this day, from the Commissioner as under :—

SIR,—I have the honour to inform the Standing Committee that in response to the advertisement calling for tenders for Rs. 25,00,000 on account of the Tansa Water Works Loan, thirty-seven tenders were received, out of which I propose to accept twenty-seven aggregating Rs. 9,93,000 at rates varying from Rs. 103-8-0 to Rs. 104-8-0 per cent.

The remaining ten tenders varied from a minimum of Rs. 102-12-0 to Rs. 103-4-0, but subject to the approval of the Committee, I do not propose to accept any tender at a lower rate than Rs. 103-8-0. Further, I propose to give the public the option of applying for the balance of Rs. 15,07,000, at the minimum rate of Rs. 103-8-0 up to the 15th November, which is the date for the payment of the first of the three instalments fixed in the conditions of the loan. Should any portion of the loan remain undisposed of after that date, it can be allotted to applicants at the Market rate of the day.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved : "That, as applied for by the Commissioner, sanction be given to the acceptance of twenty-seven tenders on account of twenty-five lakhs of rupees of the Tansa Water Works aggregating Rs. 9,93,000 at rates varying from Rs. 103-8-0 to Rs. 104-8-0 per cent.

No. 4486.

"That the public be given the option of applying for the balance of Rs. 15,07,000, subject to a minimum rate of Rs. 103-8-0, up to the 15th November next, the date for the payment of the first of the instalments fixed in the conditions of loan."

The Commissioner informed the Committee that he has received a letter from the Executive Engineer, Presidency, asking permission to put up a few flags for the decoration of the Apollo Bundar on the occasion of the landing of H. E. Lord Connemara, Governor of Madras, on 25th instant.

After discussion, it was agreed that the Commissioner be requested to inform the Executive Engineer, Presidency, that sanction is given to the occu-

No. 4487.

pancy of the Apollo Bundar by Government for the reception of H. E. the Governor of Madras, subject to the payment of such fee as may hereafter be decided.

The Secretary informed the Committee that a letter had been received dated 17th instant, which was unsigned, and enquired whether the letter was to be considered as coming under the category of "anonymous" as per the proceedings of the late Town Council, dated 20th July 1880.

The Chairman inspected the letter and ruled that it was anonymous and could not be considered.

BOMBAY, 30*th October* 1889.

AT the Meeting of the Standing Committee held this day there were present :

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the MUNICIPAL SECRETARY.

A note was received from Mr. E. B. Carroll, regretting his inability to attend on account of other engagements.

The minutes of the meetings held on the 16th and 23rd instant, were signed.

No. 4655. *Resolved* : "That, as applied for by the Commissioner in his letter No. 12621, dated 29th instant, sanction be given, under section 305 of the Municipal Act, to the service of notices upon the owners of the several premises fronting or adjoining or abutting on the private street, called Owalwadi Street, near Vithalwadi, requiring them to level, metal or pave, drain and light the said street as the Commissioner shall direct.

"That, in respect of the underground drainage, the Commissioner be asked to proceed under sections 231 and 260 of the Act."

No. 4656. The consideration of application for sanction to the payment of a special compassionate allowance to Shek Isu Aba Rukhanga, father of Ibrahim Isub, who died from the effects of an accident he met with while working in the Municipal workshops, was postponed to allow of the Chairman's enquiring into the circumstances under which the deceased met with his death.

Proposed by Colonel G. L. C. Merewether, seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 4657. "That, as applied for by the Commissioner in his letter No. 12670, dated this day, sanction be given to the acceptance of the tender of Messrs. Rahimtula Bhajibhai & Co., for the construction of cast-iron and zinc ventilating shafts, water entrances and man-holes along the Frere Road sewer at schedule rates aggregating Rs. 20,680 *plus* Rs. 1,509, for cost of road repairs and Rs. 1,520 cost of removal of surplus materials—total Rs. 23,709, as against the Rs. 21,340, balance of the original grant of Rs. 25,000.

"That the difference, Rs. 2,369, between the amount of the tender, and the balance available, be met by transfer from savings on the grant for the construction of the Argyll Road sewer, when the grant for the latter is renewed."

Carried.

No. 4658. *Resolved* : "That sanction be given to the cutting off of water connection as per list accompaying the Commissioner's memorandun No. 12677, dated this day."

Proposed by the Chairman, seconded by Dosabhai Framji, Esq.—

No. 4659. "That memorandum No. 12625, dated 29th instant, from the Commissioner, forwarding statement of the houses or portions of houses which fell during July, August and September last, be *recorded*.

"*That an additional column be inserted in future returns, showing whether any action has been taken by the Municipality, or warning given by them in the cases of decayed houses."

Carried.

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 27th October 1889.†

Proposed by Colonel G. L. C. Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 4660. "That, as recommended by the Commissioner in his letter No. 12692, dated this day, sanction be given to the acceptance of Mr. Venku Balu's tender for

* This para. was added on the suggestion of Mr. Dosabhai Framji.

† *See* Appendix B.

the construction of the entire superstructure of the new Municipal Office buildings at schedule rates aggregating Rs. 9,37,703, or thereabout."

Carried.

Resolved : "That, as applied for by the Commissioner in his memorandum No. 12650, dated 29th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

No. 4661.

Name.	Where.
Hadji Karim Hadji Mahomed	... Building at the junction of Currey and DeLisle Roads.

"That, as the Standing Committee consider it probable that a compromise may be effected in this case, the Commissioner be asked to bring the matter forward again if he considers it desirable."

The Committee discussed with the Commissioner the rates offered by a bank for the remittances which will be required during the ensuing year (up to June 1890) for payments on account of ironwork, &c., for the Tansa Water Works. The rates were accepted as per entry in the file of confidential papers kept by the Secretary, No. 280 of 1885-86.

BOMBAY, *6th November* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DOSABHAI FRAMJI, Esq., C.S.I. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAVANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the DEPUTY EXECUTIVE ENGINEER, Water Work; the Acting DEPUTY EXECUTIVE ENGINEER, Drainage Works ; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 30th ultimo, were signed.

Resolved : "That the following be *recorded* :—Memorandum No. 13025, dated 4th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the Miscellaneous Works Loan of 1888-89 Deposit Account, to the Municipal General Fund pass book, on the 2nd instant."

No. 4775.

Resolved : "That, as applied for by the Commissioner in his memoranda Nos. 13008, 13012, 13020, 13021 and 13022, dated 4th instant, sanction be given, under section 351 (2) of the Municipal Act, to

No. 4776.

the removal of the following structures built without permission :—

Name of owner.	Where.
Messrs. Nensi Khyraj & Co.	Building at Mazagon Road.
Mr. Usman Kadur Memon	Do. at Nos. 78-80, Kamathipura 13th Street.
Messrs. David Sassoon & Co.....	Do. at Nos. 43-53, Apollo Street.
Mr. Jivanlal Maharaj.....	Do. at Nos. 74-78, Samuel Street.
Mr. Mahomed Rowji	Do. at Nos. 38-40, Tantanpura Street."

Proposed by Muncherji N. Banaji, Esq., seconded by Cowasjee Hormusjee, Esq.:—

No. 4777. "That, as recommended by the Commissioner, in his memorandum No. 13061, dated 4th instant, the rate for the 33·33 square yards of ground, or thereabout, taken up from Mr. Dawoodbhai Musabhai for the improvement of Gamdevi Road, be increased from Rs. 5 to Rs. 10 per square yard."

Carried.

No. 4778. The seal of the Corporation was affixed to deed of contract with Messrs. Moosabhoy Adumjee & Co., for the supply of stationery and drawing materials during 1889-90 at schedule rates.

Considered application from the Commissioner (memorandum No. 13023, dated 4th instant), for the approval of the Committee to his issuing an order in writing under the terms of section 230 of the Municipal Act, authorizing Mr. Amichand Panalal to carry a drain from his house No. 464-468, Sheik Memon Street in, through, or under the adjoining land belonging to Mr. Havildas Dayalji, to the Municipal sewer in that street.

No. 4779. It was agreed that the consideration of this application be postponed to allow of the Solicitors (Messrs. Jefferson, Bhaishankar, Dinsha and Kanga) for Mr. Havildas Dayalji, stating to the Commissioner the way in which the proposed drain can be constructed without interfering with Mr. Havildas Dayalji's land.

Proposed by Colonel G. L. C. Merewether, seconded by Major H. O. Selby—

"That, as applied for by the Commissioner in his memorandum No. 13011, dated 4th instant, the Standing Committee hereby approve of his issuing an order in writing under the terms of section 230 of the Municipal Act, authorizing Mr. Bhawoo Ramchandra to carry a drain from his house

in Girgam Back Road into, through, or under the land belonging to Mr. Sitaram Dhakji Waslekar, to the Municipal drain in that thoroughfare."

Amendment, moved by Dosabhai Framji, Esq.—

"That the necessary approval be given to the drain from Mr. Bhawoo Ramchandra's house being carried direct to the Municipal drain."

After discussion, it was agreed that the matter do stand over for a week to allow of the Commissioner's ascertaining whether a compromise can be arrived at in this case.

No. 4780.

Resolved : "That, with reference to his letter, dated 4th instant, regarding the renewal of weather-frames attached to house Nos. 74—78, Samuel Street, Mr. Lalbhai Valabbhai, constituted Attorney of Shri Rukmini Vahuji Maharaj, be informed that the letter has been forwarded to the Commissioner for disposal."

No. 4781.

Considered again memorandum No. 12636, dated 29th October 1889, from the Commissioner, forwarding, for favourable consideration, application for compassionate allowance from Shekh Isub Aba Rukhanga, on account of the death of his son Ibrahim Isub.

Resolved : "That, with reference to his memorandum No. 12636, dated 29th October last, the Commissioner be requested to inform the applicant that the Standing Committee consider that his case does not come under the Pension Fund Rules."

No. 4782.

Proposed by Cowasjee Hormusjee, seconded by Colonel G. L. C. Merewether—

"That, as recommended by the Commissioner in his letter, No. 12864, dated 1st instant, the special gratuity granted to Mr. Jugonath Vithoba, late a mistri of the Executive Engineer's Department, be increased from Rs. 480 to Rs. 761-12-0. The amount to be debited to the grant for pensions and gratuities."

No. 4783.

Carried.

The consideration of the following was postponed for a fortnight, and it was decided that the papers be printed and circulated among the members in the meantime with a general plan showing the details of the scheme :—

Resolution of the Corporation, No. 4664, dated 30th October 1889, as under :—

"That, as applied for by the Commissioner in his letter No. 12025, dated 16th October 1889, sanction be given,

under section 291(*a*) of the Municipal Act, to the laying down of the line of a new road running from Love Lane through Rose Cottage Lane to Matharpakadi, as shown in red lines in the plan accompanying the Commissioner's above letter.

"That the Standing Committee be requested to report to the Corporation on the financial portion of the proposal, so far as the expenditure out of Municipal funds is concerned."

No. 4784. The consideration of the following was postponed, pending the receipt of the report of the Committee of the Corporation :—

Resolution of the Corporation, No. 4746, dated 31st October 1889, as under :—

"That the report of the Committee of the Corporation, expressing the opinion that it is desirable to ask H. R. H. Prince Albert Victor to take part in any public function that may be taken in hand on his return to the City be approved and adopted.

"That on the recommendation of the Standing Committee the Corporation will be prepared to sanction a grant of any reasonable sum towards the fund for the cost of holding a public entertainment and to sanction the use of the Victoria Gardens for the occasion."

* * * * * * *

Considered the following :—

Letter No. 1839, dated 26th October 1889, to the Commissioner, as under :—

SIR,—I have the honour to forward for transmission to the Standing Committee a quarterly return for the quarter ending 28th September 1889, as compared with the corresponding quarter for the previous year, as required by the then Town Council's Resolution No. 465 of 12th June 1887, with a list of additional grants sanctioned by the Corporation during the quarter.

The unappropriated surplus Cash Balance, as already reported in my report for the past official year, was Rs. 2,70,972-8-2, out of which Rs. 30,000 have been sanctioned for additional grants up to the end of the past quarter.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

Memorandum No. 12787, dated 31st October 1889, as follows :—

Submitted to the Standing Committee with reference to Town Council's Resolution No. 465, dated 1st June 1887.—E. C. K. OLLIVANT, Commissioner.

List of Additional Grants sanctioned by the Corporation from Surplus Cash Balance.

Resolution No.	Date.	———	Amount.
	1889		Rs. a. p.
7172	March 20	Grant of Rs. 1,500 from Surplus Cash Balance to provide New Standard measures as per list in lieu of those received from the Commissioner of Police and returned to him as they were pronounced quite useless for the purpose of verification	1,500 0 0
1810	June 10	Sanctioned the lighting with gas of Fort Street, Goa Street, Karwar Street, Kumta Street, Mangalore Street Kalikat Street, Cochin Street, and Ballard Road, recently taken over from the Port Trust at an annual cost of Rs. 3,280, and the expenditure of Rs. 1,845 from Surplus Cash Balance to meet the cost of 41 lamps at Rs. 45 per lamp, Rs. 1,845	5,125 0 0
2478	July 8	Grant of Rs. 2,000 from Surplus Cash Balance to meet the cost of printing and other charges incurred in the current year on account of the general election ...	2,000 0 0
2479	„	Grant of Rs. 1,180 from Surplus Cash Balance to provide for (1) cost of 12 gas lamps with cast iron columns and fittings complete at Rs. 45 each (Rs. 540), and (2) maintenance of 12 lamps at Rs. 80 per lamp per annum (for eight months Rs. 640) for lighting with gas the roads on the west of the Victoria Dock Warehouses, lately taken over from the Port Trust ...	1,180 0 0
2769	July 18	Grant of Rs. 12,715 from Surplus Cash Balance to complete the payments due to the G. I. P. Railway Company for the construction of the Nesbit Road overbridge...	12,715 0 0
2771	„	Grant of Rs. 480 from Surplus Cash Balance to meet the Salary of a Veterinary Assistant (for eight months at the rate of Rs. 60 per mensem), whose appointment was recommended by the Committee of the Corporation re mortality among the bullocks of the Health Department	480 0 0
3588	Sept. 10	Grant of Rs. 7,000 from Surplus Cash Balance to meet the excess up to the end of the current year over the Budget Grant for Pensions and Gratuities	7,000 0 0
		Total...Rs.	30,000 0 0

ACCOUNT OF THE BOMBAY MUNICIPALITY

as compared with that for the

	Budget Estimate.	Quarter ending 29th September 1888.	Quarter ending 28th September 1889.	Total.
RECEIPTS.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Opening Balance	4,50,000 0 0	99,104 2 8	91,823 13 6	61,088 1 6
General Tax	16,15,000 0 0	1,43,538 4 1	3,19,031 4 7	
Water Works Revenue (including water tax) ...	9,55,750 0 0	2,29,273 3 3	2,15,916 10 11	
Conveyance Licenses ...	13,200 0 0	3,933 9 5	1,781 8 0	
„ Wheel Tax ...	3,30,200 0 0	64,281 4 0	72,063 14 0	
„ Tolls Fees ...	13,700 0 0	3,044 12 0	2,563 8 0	
Halalkhor Tax	3,93,000 0 0	57,855 4 4	84,135 13 11	
Duties, Town...	6,70,000 0 0	68,763 5 7	43,305 2 8	
„ Tobacco	1,83,000 0 0	32,297 7 2	30,950 0 0	
„ Liquor Licenses ...	1,43,750 0 0	.....	.....	
Market Receipts	3,10,900 0 0	73,059 9 4	71,224 8 9	
Miscellaneous Fees	94,700 0 0	17,782 11 5	21,820 6 0	
„ Receipts ...	80,000 0 0	23,132 5 10	65,831 15 3	
„ Fines... ...	8,000 0 0	2,420 12 4	915 3 9	
„ Savings ...	3,000 0 0	1,153 8 5	1,345 8 5	
Public Gardens	8,000 0 0	1,754 3 2	1,563 9 6	
Fire Insurance Companies...	.....	4,097 0 0	.....	
Contribution from Municipal servants towards Pension, &c., Fund	12,000 0 0	3,424 1 6	3,367 6 3	
Tramway Rent	36,000 0 0	.....	.....	
Interest on Investments ...	50,000 0 0	.....	368 8 6	
	49,20,200 0 0	7,29,811 5 10	9,36,185 0 6	
Debt	.....	8,00,000 0 0	6,38,000 0 0	
Bank of Bombay-Loan and other Deposit Accounts ...	.....	2,62,200 0 0	6,74,713 5 0	
Workshops	.....	7,767 4 0	1,645 14 5	
Advances	.....	1,54,563 14 11	1,23,854 14 8	
Deposits	.....	87,496 1 1	71,719 7 0	
Rupees ...	49,20,200 0 0	20,41,838 9 10	24,46,118 9 7	
Total Rupees...	53,70,200 0 0	21,40,942 12 6	25,37,942 7 1	

FOR THE QUARTER ENDING 28TH SEPTEMBER 1889,

Quarter ending 29th September 1888,

	Budget Estimate.	Quarter ending 29th September 1888.	Quarter ending 28th September 1889.	TOTAL.
DISBURSEMENTS	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Superintendence	1,79,537 0 0	36,245 11 5	48,261 14 6	
Assessment and Collection Department	1,95,353 0 0	46,749 9 6	42,982 5 11	
General Police (including Police Hospital)	2,58,289 0 0	64,628 12 5	64,571 5 9	
Fire Brigade...	86,738 0 0	16,674 8 8	18,208 4 2	
Health Department... ...	12,84,257 0 0	2,61,892 15 7	2,28,275 12 6	
Public Works. Establishment... ...	1,14,684 0 0	28,642 10 2	27,229 15 7	
Lighting	3,12,104 0 0	48,551 8 11	72,730 5 4	
Watering	87,063 0 0	10,322 6 4	8,735 9 7	
Repairs, Roads... ...	4,64,976 0 0	1,11,925 15 0	1,07,391 1 9	
Street Improvements...	1,00,000 0 0	15,056 5 9	28,818 14 10	
Cleaning, Lighting and Repairing Port Trust Wharves	25,000 0 0	5,512 7 11	.....	
Repairs, Buildings ...	6,000 0 0	366 5 6	410 6 0	
Water Works	1,60,732 0 0	†3,94,391 2 9	†1,57,220 9 11	
Drainage	1,01,651 0 0	29,024 3 1	26,028 6 5	
Public Gardens ...	60,375 0 0	10,335 5 6	10,072 15 2	
New Works and Reserve Funds, &c....	1,24,000 0 0	41,733 12 7	59,402 7 3	
Miscellaneous (including Contributions to Hospitals, &c.)	1,03,408 0 0	25,828 2 11	22,029 8 1	
Education (including Veterinary College, &c., Contribution)	58,061 0 0	14,753 9 7	10,910 15 9	
Debt	15,20,928 0 0	6,46,167 1 8	4,30,071 0 4	
	52,43,156 0 0	18,08,802 11 3	13,63,351 14 10	
Bank of Bombay Loan and other Deposit Accounts ...	.....	48,000 0 0	6,87,681 13 6	
Loan Works Accounts ...	.....	25,472 13 9	85,370 10 0	
Workshops	.....	31,755 11 5	35,317 6 0	
Advances	.....	1,06,684 1 5	1,83,373 13 6	
Deposits	.....	56,099 11 5	1,43,242 8 3	
Rupees...	52,43,156 0 0	20,76,815 1 3	24,98,338 2 1	
Closing Balance	.....	64,127 11 3	39,604 5 0	
Estimated Balance on 31st March 1890...	1,27,044 0 0	.....	.....	
Total Rupees...	53,70,200 0 0	21,40,942 12 6	25,37,942 7 1	

† Includes Rs. 3,60,911-1-4 and 1,28,404-8-2 paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works and investment of surplus Tansa Loan and Interest Fund.

Resolved : "That the return for the quarter ended 28th September 1889, showing the income and expenditure for the quarter, as compared with the corresponding quarter of the previous year, together with a list of the additional grants sanctioned by the Corporation during the same quarter forwarded by the Commissioner under his memorandum No. 12787, dated 31st ultimo, be *recorded*."

No. 4785.

Resolved : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 13131, dated this day."

No. 4786.

The Commissioner placed before the Committee, Progress Reports up to the end of September 1889, of new works now in course of construction, arranged according to the heads as per the Committee's Resolution No. 3972, dated 2nd ultimo. It was agreed that the Reports be printed and that the consideration of the same be postponed till next week.

Read letter No. 13174, dated this day, to the Municipal Secretary, from the Commissioner, as follows :—

SIR,—I have the honour to state that I propose, with the approval of the Standing Committee, to enter into a contract with the Limmer Asphalte Paving Company, Limited, for asphalting the floor of the settling basin of the Malabar Hill Reservoir at rates amounting to £3,062.

The circumstances under which I recommend the acceptance of this tender without public advertisement, are fully explained in the accompanying letter from the Deputy Executive Engineer, Water Works.

The sanctioned grant for the work is Rs. 75,000, and the balance will suffice to cover the cost of laying, carting and supervision.

I also propose to enter into a contract for the services of a skilled workman as suggested by Mr. Tomlinson.

And subject, also, to the approval of the Standing Committee I propose to enter into a contract with Messrs. Gwynne & Co., for the supply of a turbine and centrifugal pump for the Malabar Hill Reservoir, at a cost, including freight, insurance and commission charges, not exceeding Rs. 7,332.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Also letter No. 4219W, dated 5th instant, to the Commissioner, as follows :—

SIR,—I have the honour, with reference to the grant of one lakh of rupees for repairs and works at this reservoir, to submit for your consideration the tenders for asphalte and turbine and pump I received by private inquiry whilst I was in London in July last.

2. Of the alternative methods proposed by Sir John Fowler, I have, after very careful consideration, and the result of many inquiries

whilst I have been on special duty, decided to recommend the use of asphalte for the covering of the floor of the settling basin.

3. I have obtained tenders from every firm who can supply the required material, and I recommend the acceptance of the lowest one, that of the Limmer Asphalte Paving Co., Ld., London, and the thickness to be 1″ in 2 layers of ½″ each. The prices quoted by the Company are in sterling, free on board in London. To their rates must be added freight, insurance, commission of Agents and legal expenses of contract in addition to the usual contingencies.

4. The estimated cost will be as follows :—

Material.	Rate.	Per	Quantity.	Amount.
	£ s. d.			£ s. d.
Asphalte	3 0 0	Ton	530 tons	1,590 0 0
Bitumen	10 10 0	,,	7 ,,	73 10 0
Drums for Bitumen	0 3 6	Each	140 Nos.	24 10 0
Cauldrons	11 10 0	,,	6 ,,	69 0 0
Stirrers...	0 10 6	,,	6 ,,	3 3 0
Iron Buckets	0 5 0	,,	6 ,,	1 10 0
Ladles	0 12 0	,,	3 ,,	1 16 0
Miscellaneous Tools	.....	...	say,	10 0 0
Total for materials ...	.....	...	.....	1,773 9 0
Freight...	1 15 0	Ton.	550 tons.	962 10 0
Insurance	0 15 0	Cent.	27·36, say,	20 10 0
				2,756 9 0
Commission, legal charges, &c., 1 per cent.				27 11 0
			Total ...	2,784 0 0
Contingencies, 10 per cent.				278 0 0
			Total ...	£ 3,062 0 0

The total allotment for the asphalte will therefore be in (at 1*s.* 4½*d.* each) Rs. 44,533. The grant for the work, including laying, is Rs. 75,000. The balance will suffice to cover the cost of laying, carting and supervision.

5. Worked out on the same basis, the other tenders will be :—

	Rs.	a.	D.
Val de Travers Co., Ld.	54,211	0	0
Seyssel and Metallic Lava Co., Ld.	62,238	0	0
Claridge's Patent Asphalte Co., Ld., ¾″ thick only and cash on delivery in London ...	62,170	0	0
For payment in Bombay, add...	3,510	0	0

6. As recommended by Sir John Fowler, I request that the services of a skilled workman be obtained at a salary not exceeding Rs. 350 per month in addition to passage money out and home to superintend the laying of the asphalte, and that the work of laying and also the other works be carried out departmentally as recommended by Sir John Fowler. I expect the work can be completed in 6 months from date of commencement.

7. With reference to the provision of a turbine to replace the pumping engine, and thereby reduce working expenses, I had interviews with Mr. J. H. Gwynne, of Messrs. Gwynne & Co., and Mr.

William Anderson, of Messrs. Easton and Anderson, and I subsequently received designs and quotations from them. Both gentlemen consider the project feasible, but the construction of the turbine will be somewhat peculiar, and therefore more costly. The tenders are for £445 and £468, respectively, free on board in London. This sum exceeds the estimate. No credit has, however, yet been taken for the proceeds of sale of the present boiler and pumping engine which cost Rs. 3,500 four years ago. Allowing for this, and having regard to the probable savings in the other portions of the work, I think the whole will be completed within the estimated amount. I therefore recommend that the offer of Messrs. Gwynne & Co. be accepted.

The design submitted by this firm is for a turbine fixed on the outlet pipe of the Reservoir working a centrifugal pump by bevel gear on the turbine axis. The arrangement provides for lifting 100,000 gallons to a height of 60 feet in 9 hours. The present maximum demand is about 60,000 gallons in the hot season and is raised to a height of about 40 feet average. The design is a very neat and compact one, and the working expenses are reduced to a minimum. The present working expenses of the steam pump are about Rs. 180 per month, but these will increase as the quantity of water required increases. The annual present cost is Rs. 2,160. The probable annual expense of the new arrangement, including interest and depreciation, is Rs. 600. The total estimated cost of the turbine and pump, delivered in Bombay, is Rs. 7,332, including freight, insurance and commission. This sum will also be debitable to the provision of one lakh of rupees sanctioned for the repairs and alterations at the Malabar Hill Reservoir.—I have, &c., S. TOMLINSON, C.E., Deputy Executive Engineer, in charge Water Works.

No. 4787. *Resolved* : "That, as asked for by the Commissioner in his letter No. 13174, dated this day, sanction be given to his entering into a contract with the Limmer Asphalte Paving Company, Limited, for asphalting the floor of the settling basin of the Malabar Hill Reservoir at rates amounting to £3,062 (or Rs. 44,533), or thereabout; also to the employment of a skilled workman in the service of the Company to superintend the work of laying the asphalte at a cost of Rs. 350 a month, plus the cost of his passage out and home.

"That sanction be also given to the purchase of a turbine and centrifugal pump from Messrs. Gwynne & Co. for the reservoir at a cost of Rs. 7,332, or thereabout.

"The charges to be debited to the grant sanctioned by the Corporation in their Resolution No. 2486, dated 8th July last."

In accordance with notice of motion, it was—

Proposed by Major H. O. Selby—

No. 4788. "That the Commissioner do, with as a little delay as possible, furnish the Standing Committee with 2 plans of the Island of Bombay to a scale o

1,200 feet to the inch, (*a*) shewing water, (*b*) drainage works. In these plans the following conventional signs shall be used. Lines already constructed—full red lines. Lines under construction—chain dotted lines. Lines surveyed and sanctioned but not commenced—dotted do. Lines surveyed but not yet submitted for sanction—full blue do. Lines under survey—chain dotted blue line. Lines proposed, but not yet surveyed—dotted blue."

The motion was seconded by Cowasjee Hormusjee, Esq., and *carried.*

No. 4789. *Resolved* : "That the consideration of the following be postponed till the Health Department Budget for 1890-91 is placed before the Standing Committee :—

"'Resolution of the Corporation, No. 4748, dated 31st October 1889, as under, regarding the present conservancy arrangements relating to the removal of sweepings and dirt from dust-bins, &c. :—

"'That memorandum No. 13530,* dated 18th September last, from the Health Officer, be referred to the Standing Committee for consideration and disposal by them in connection with the preparation of next Budget Estimates.'"

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 3rd November 1889.†

The following return was read and *recorded* :—

Return of fire at Mathew Road, forwarded with the Commissioner's memorandum No. 12858, dated 1st November 1889.‡

Proposed by Colonel G. L. C. Merewether, seconded by Fazulbhoy Visram, Esq.—

No. 4791. "That the Municipal Commissioner be requested to inform the Standing Committee as to the additional provision which would have to be made in the Budget for 1890-91 in the event of it being decided to cart to the Carnac Bridge depôt the night-soil now collected at Colaba and discharged by the drain leading from near the Gun Carriage Basin, into the Harbour."

Carried.

---

* *See* Proceedings of the Corporation, 31st October 1889.

† *See* Appendix B. ‡ *See* Appendix D.

Resolved : "That, in reply to his letter, dated 5th instant,
No. 4792. Mr. Jamshedji Kharshedji Kama, on behalf of his client, Mr. Purshotum Ratansi, protesting against the removal of stall-boards from house Nos. 3—21, Bhaji Palla Road, be informed that the matter is not one within the province of the Committee."

The consideration of Government Resolution No. 4346, Financial Department, dated 28th ultimo, on the question of pension to the subordinate staff of the Gokuldas Tejpal Hospital, forwarded with the Commissioner's memorandum No. 13128, dated this day, was postponed till next week.

Item No. 7 of the list of "Outstanding Business" (1st November 1889) was *struck out* as the matter therein referred to was disposed of at to-day's meeting.

BOMBAY, 13*th November* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman*.

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

The minutes of the Meeting held on the 6th instant, were signed.

Resolved : "That the following be *recorded* :—Memo-
No. 4816. randum No. 13429, dated this day, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the Miscellaneous Works Loan of 1888-89, Deposit Account, to the municipal general fund pass book, on the 5th instant."

The seal of the Corporation was affixed to deed of con-
No. 4817. tract with Messrs. Richardson and Cruddas for the supply of forty $\frac{3}{4}$" Siemen's water meters.

The following was withdrawn by the Commissioner :—
No. 4818. Memorandum No. 13023, dated 4th instant, from himself, asking approval under section

230 of the Municipal Act, to an order in writing being issued to Mr. Amichand Panalal, authorizing him to carry a drain from his house Nos. 464—468, Sheikh Memon Street, into, through or under the land belonging to Mr. Havildas Dayaljee, to the Municipal drain in the said street.

The consideration of the following was postponed until next week to allow of further enquiries :—

No. 4819. (1) Application from the Commissioner, asking approval to an order in writing being given to Mr. Bhawoo Ramchundra, authorising him to carry a drain from his house in Girgam Back Road, through the land belonging to Mr. Sitaram Dhakji Waslekar ; (2) letter from Mr. Waslekar, dated this day.

Considered the following :—

No. 4346. Financial Department, Bombay Castle, 28th October 1889.

Letter from the Municipal Commissioner for the City of Bombay, No. 11315, dated 3rd October 1889.—Forwarding with reference to Government Resolution No. 3380, dated 4th September 1889, a copy of the Standing Committee's Resolution No. 3781, dated 18th idem, on the subject of pension to the steward of the Gokaldas Tejpal Hospital :—

"*Resolved* : That, with reference to Government Resolution No. 3380, dated 4th September 1889, Financial Department, received under memorandum No. 9982, dated 11th instant, from the Commissioner, the Commissioner be requested to inform Government that, under the terms of the Municipal pension rules, the Standing Committee are unable to admit the application of Mr. Balkrishna Wasudev, Steward of the Gokaldas Tejpal Hospital, to be placed on the Municipal Pension Fund."

Memorandum from the Surgeon-General with the Government of Bombay, No. 7627, dated 3rd October 1889.—Forwarding for favourable consideration and transmission to the Municipal Commissioner for the City of Bombay, one No. 266, dated 25th September 1889, from the Surgeon-Major in charge Gokaldas Tejpal Hospital, who forwards an application from Mr. Balkrishna Wasudev, Steward in that Hospital, who requests with reference to the Accountant-General's report No. P.—32118, dated 13th February 1889, embodied in Government Resolution No. 3380, dated 4th September 1889, that the Municipal Corporation may be moved to make pro-

vision for conceding the privilege of pension to him : the Surgeon-General remarking as follows :—

"2. In accordance with the Accountant-General's report quoted in the preamble of Government Resolution No. 3380, dated 4th September 1889, Financial Department, the undersigned recommends that the Municipality be asked to reconsider their former decision and provide the necessary pension as the Steward and all the hospital servants are in Municipal employ."

RESOLUTION.—The Steward of the Goculdas Tejpal Hospital, as well as others on the same establishment, is not entitled to a Government pension, and though he is really a Municipal servant, the Municipal pension rules were apparently drawn up without reference to such a case—an omission which may possibly have been unintentional ; and consequently he is not entitled to a pension from the Municipality either. On the other hand the Municipality hitherto have not had to pay as much for the hospital as was originally expected. Their contribution is nominally Rs. 36,000 per annum for establishment and contingent charges, but as such charges have been less than Rs. 36,000, a considerable surplus has every year for several years past been refunded to the Municipality, as shown in paragraph 9 of the Accountant-General's letter quoted in the preamble of Government Resolution No. 3380, dated 4th September 1889. If the term "establishment charges" were taken, as it fairly might be, to include the pension charges as well as salary charges of the establishment, there would be no difficulty, and the Municipality would apparently stand no chance of having to pay more than the recognized contribution of Rs. 36,000 per annum. Under these circumstances the attention of the Municipality should be invited to the equitableness of making some arrangements (on such conditions as regards payment of pension contribution by the employés as may seem fit) for the grant of pensions to the men on the establishment of the hospital who are really in Municipal service, and to whom like other men in permanent employment, it would seem expedient as well as fair to hold out the expectation of a pension on the termination of their service.—J. DE C. ATKINS, Acting Under-Secretary to Government.

No. 13128 of 1889-90.

6th November 1889.

Copy forwarded for information to the Standing Committee with reference to their Resolution No. 3781, dated 18th September last.—E. C. K. OLLIVANT, Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 4820. "That, with reference to memorandum No. 13128, dated 6th instant, from the Commissioner, forwarding Government Resolution No. 4346, Financial Department, of 28th October last, the Commissioner be requested to inform Government that the subordinate staff of the Gokuldas Tejpal Hospital not being eligible under the rules for admission to the Municipal Pension Fund, the arrangement suggested by Government cannot be carried out by the Municipality."

Carried.

Considered the Progress Reports, up to the end of September last, of new works now in course of construction.*

No. 4821. *Resolved*: "That the Progress Reports, up to the end of September 1889, of new works now in course of construction, be *recorded*."

No. 4822. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 13452, dated this day."

No. 4823. *Resolved*: "That memorandum No. 13347, dated 12th instant, from the Commissioner, forwarding the following letter from the Chief Accountant, and Statements A to E, showing the estimated cost of each loan work and expenditure on different Loan Works, &c., up to 31st March 1889, as under, be printed and *recorded*.

"That a column be inserted in this and future returns showing the dates on which the loans fall due."

Letter No. 1799, dated 19th ultimo, to the Commissioner, as follows :—

SIR,—With reference to the Town Council's (now Standing Committee's) Resolution No. 1444, dated 22nd December 1886, I have the honor to forward herewith five statements, marked A to E, which embody all the information required in the above resolution.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

* *See* Appendix C.

A

Works Sanctioned out of

Nature of Loan Works.	Estimated cost of each work.	Amount of loan sanctioned	Amount of loan actually raised.
17 LAKHS LOAN.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Main Sewer	6,04,264 0 0	.....	.....
Pipe Sewer	4,72,364 0 0	.....	.....
Outfall Sewer	3,50,000 0 0	.....	.....
New Pumping Station		.....	.....
One pair of engines		.....	.....
Establishment...	2,73,372 0 0	.....	.....
Contingencies		.....	.....
	17,00,000 0 0	17,00,000 0 0	16,94,000 0 0
Kamathipura Works	.....	.....	.....
Clerk Road Sewer	.....	.....	.....
	17,00,000 0 0	17,00,000 0 0	16,94,000 0 0
Less—Transferred to Bhandarwada Loan as per Municipal Commissioner's No. 7617 of 14th Sept. 1887 adopted by the Town Council & Corporation	31,209 0 0	31,209 0 0	31,209 0 0
	16,68,791 0 0	16,68,791 0 0	16,62,791 0 0
Bhandarwada Water Works	10,00,000 0 0	10,00,000 0 0	10,00,000 0 0
Transferred from 17 Lakhs Loan	31,209 0 0	31,209 0 0	31,209 0 0
	10,31,209 0 0	10,31,209 0 0	10,31,209 0 0
	27,00,000 0 0	27,00,000 0 0	26,94,000 0 0

the 27 Lakhs Loan.

Expenditure up to 31st March 1889.			Estimated expenditure up to 31st March 1890.				Date of Repayment of the Loan.
Establishment.	Work.	Total.	Establishment.	Work.	Total.		
Rs. a. p	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	
.....	4,92,691 8 2	4,92,691 8 2	.....	.....	.....	...	
.....	2,77,267 13 4	2,77,267 13 4	.....	32,476 12 3	32,476 12 3	...	
.....	2,55,766 10 0	2,55,766 10 0	.....	.....	.....	...	
.....	98,289 9 6	98,289 9 6	.....	.....	.....	...	
.....	95,742 3 9	95,742 3 9	.....	.....	.....	...	
1,45,000 0 0	.....	1,45,000 0 0	.....	.....	.....	...	
.....	1,48,482 5 10	1,48,482 5 10	.....	1,343 6 9	1,343 6 9	...	
1,45,000 0 0	13,68,240 2 7	15,13,240 2 7	.....	33,820 3 0	33,820 3 0	...	
.....	76,471 4 6	76,471 4 6	.....	.....	.....	...	
.....	89,259 5 11	89,259 5 11	.....	.....	.....	...	
1,45,000 0 0	14,83,970 13 0	16,28,970 13 0	.....	33,820 8 0	33,820 8 0	...	1st January 1919.
.....	.....	.....	.....	.....	.....	...	
1,45,000 0 0	14,83,970 13 0	16,28,970 13 0	.....	33,820 8 0	33,820 8 0	16,62,791	
} 29,035 7 6	9,57,444 15 1	9,86,480 6 7	.....	44,728 9 5	44,728 9 5	...	
29,035 7 6	9,57,444 15 1	9,86,480 6 7	.....	44,728 9 5	44,728 9 5	10,31,209	
1,74,035 7 6	24,41,415 12 1	26,15,451 8 7	.....	78,548 12 5	78,548 12 5	...	

B.

Works Sanctioned out

Nature of Loan Works.	Estimated Cost of each Work.	Amount of Loan Sanctioned.	Amount actually raised.
SURFACE DRAINAGE WORKS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Widening Love Grove Sluices	1,61,362 15 4	.....	.....
Culvert, &c., under B. B. & C. I. Railway near Bellasis Road ..	1,791 0 8	.....	.....
Khetwady Survey	6,848 0 0	.....	.....
Raising Level of Khetwady Roads	27,017 0 0	.....	.....
Three Branch Drains in Khetwady and storm water entrances...	27,544 8 0	.....	.....
Raising Private compounds in Khetwady	38,580 0 0	.....	.....
Intercepting Drain, Tardeo District, and storm water entrances	2,80,753 0 0	.....	.....
Making connection between low-level Sewer and new Main Sewer	3,100 0 0	.....	.....
Intercepting Drain from Pydhoni to Bellasis Road and storm water entrances	3,39,516 8 0	.....	.....
Enlarging old open Main Drain	1,06,091 0 0	.....	.....
Laying a new 24" Main and removing old 24" Tulsi Main and filling up the Haines Road entrance	32,688 0 0	.....	.....
Constructing Storage Reservoir on the Flats and raising level of Manholes in Sewers	1,98,840 0 0	.....	.....
Establishment ... ..., ...	1,34,163 0 0	.....	.....
Contingencies	53,705 0 0	.....	.....
Extra petty works executed out of Savings in S. E. Osman's Contract	.....	.....	.....
TOTAL... ...	14,12,000 0 0	.....	.....
Deduct—Amount transferred to Queen's Road Intercepting Sewer as per T. C. Resolution No. 2368, dated 17th November 1882 ... Rs. 24,317 0 0			
Do. do. to Ovoid Sewer from Crawford Market to Mint (*vide* Standing Committee's No. 5264 of 14th November 1888) ... 5,890 11 4	30,207 11 4	.....	.....
	13,81,792 4 8	.....	.....
Deduct—Amount paid from the 6 Lakhs Loan	6,00,000 0 0	.....	.....
	7,81,792 4 8	.....	.....
PART OF 15 LAKHS LOAN. Rs. a. p.			
Queen's Road Intercepting Sewer, including compensation for land 1,92,000 0 0			
Transfer from Surface Drainage Works as per T. C. Resolution No. 2368, dated 17th Nov. 1882 24,317 0 0			
2,16,317 0 0			
Less—Contribution received from Government ... ...50,000 0 0 Rs. a. p.			
Cost of Establishment 12,348 0 0			
62,348 0 0			
First Drainage Section House Connections without privy fittings 5,71,165 0 0	1,53,969 0 0	.....	.....
Add—Amount transferred from Ovoid Sewer, Argyll Road as per T. C. Resolution No. 2195, dated 20th June 1888 ... ... 19,046 14 4			
5,90,211 14 4			
Deduct—Excess on Pumping Engines as per T. C. Resolution No. 52, dated 13th Jan. 1882. 11,600 0 0			
	5,78,611 14 4	.....	.....
Part of 15 Lakhs Loan Carried over ...Rs.	7,82,580 14 4	.....	.....
Surface Drainage Works Carried over ...Rs.	7,81,792 4 8	.....	.....

of the 44 Lakhs Loan.

Expenditure up to 31st March 1889.			Estimated Expenditure for 1889-90.			Date of Repayment of the Loan.
Amount of 10 per cent. transferred to Loan Works Establishment Fund.	Works.	Total.	Establishment.	Works.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
.....	1,57,326 7 7	1,57,226 7 7	.....	.....	.....	
.....	1,791 0 8	1,791 0 8	.....	.....	.....	
.....	5,599 10 0	5,599 10 0	.....	.....	.....	
.....	28,355 0 1	28,355 0 1	.....	.....	.....	
.....	31,711 15 6	31,711 15 6	.....	.....	.....	
.....	25,336 2 1	25,336 2 1	.....	.....	.....	
.....	1,69,851 10 4	1,69,851 10 4	.....	.....	.....	
.....	2,610 8 10	2,610 8 10	.....	.....	.....	
.....	3,03,103 14 1	3,03,103 14 1	.....	.....	.....	
.....	71,318 13 5	71,318 13 5	.....	.....	.....	
.....	74,226 14 0	74,226 14 0	.....	.....	.....	
.....	1,84,887 6 2	1,84,887 6 2	.....	.....	.....	
1,21,413 0 0	.....	1,21,413 0 0	.....	.....	.....	
.....	42,997 8 9	42,997 8 9	.....	5,225 15 11	5,225 15 11	
.....	92,248 4 5	92,248 4 5	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
1,21,413 0 0	11,91,365 3 11	18,12,778 3 11	.....	5,225 15 11	5,225 15 11	
.....	6,00,000 0 0	6,00,000 0 0	.....	.....	.....	
1,21,413 0 0	5,91,365 3 11	7,12,778 3 11	.....	5,225 15 11	5,225 15 11	
.....	1,53,969 0 0	1,53,969 0 0	.....	.....	.....	
.....	80,650 12 0	80,650 12 0	.....	1,80,088 1 2	1,80,088 1 2	
.....	2,34,619 12 0	2,34,619 12 0	.....	1,80,088 1 2	1,80,088 1 2	
1,21,413 0 0	5,91,365 3 11	7,12,778 3 11	.....	5,225 15 11	5,225 15 11	

B.

Works Sanctioned out

Nature of Loan Works.			Estimated Cost of each Work.	Amount of Loan Sanctioned.	Amount actually raised
			Rs. a. p.	Rs. a. p.	Rs. a. p.
Surface Drainage Work Brought forward ...		Rs.	7,81,792 4 8	.....	.....
Part of 15 Lakhs Loan Brought forward ...		Rs.	7,32,580 14 4	.....	.....
Automatic flushers at heads of gullies		Rs. a. p.	5,570 0 0	.....	.....
Two more Pumping Engines		88,000 0 0			
Additional grant sanctioned under T. C. Resolution No. 52, dated 13th Jan. 1882, for P.E., &c.		9,600 0 0			
Extra Machinery for Engines		2,000 0 0			
			99,600 0 0	.....	.....
House connections, Kamathipura			60,161 0 0	.....	.....
Provision for Shaft Ventilators throughout (say)			45,652 0 0	.....	.....
Establishment...			89,239 0 0	.....	.....
House Connections Survey			4,621 0 0	.....	.....
Survey of Pipe Sewers			5,113 0 0	.....	.....
Closing storm water openings in Frere Road Sewer			22,827 0 0	.....	.....
			10,65,363 14 4	.....	.....
PART OF 20,88,000 LOAN.					
Pipe Sewer from Clare Road along south portions of Haines Road and DeLisle Road ...		1,05,955 0 0			
Add—Transferred from Ovoid Sewer, Argyll Road, T. C. Resolution No. 2545, dated 14th March 1888		3,783 15 1			
			1,09,738 15 1	.....	.....
Pipe Sewer from Parel Workshops to Clerk Road Ovoid Sewer			65,891 0 0	.....	.....
Extension of Clerk Road Ovoid Sewer to Parel Road			35,588 0 0	.....	.....
Ovoid Sewer across the Old Race Course ...		63,320 0 0		.....	.....
Less—Transferred to construction of a double storey Chawl for W. W. men at Chinchpoogly		850 3 8			
			62,469 12 4	.....	.....
Ovoid Sewer from the Crawford Market down Hornby Road and Bazar Gate, thence to the Mint		85,287 0 0			
Add—Amount transferred from S. Drainage Works, S. C. No. 5264, dated 14th November 1888		5,890 11 4			
			91,177 11 4	.....	.....
Ovoid Sewer, Argyll Road		25,200 0 0			
Less—Amount transferred to Khetwady house connection, T. C. No. 2195, dated 20th June 1888	Rs. a. p. 19,046 14 4				
Amount transferred to Pipe Sewer from Clare Road along south portions of Haines Road, T. C. Resolution No. 2545, dated 14th March 1888 ...	3,783 15 1				
		22,830 13 5			
Establishment			2,369 2 7	.....	.....
			86,309 0 0	.....	.....
			4,08,543 9 4	.....	.....
Carried over ...		Rs.	22,50,690 12 4	.....	.....

—contd.

of the 44 Lakhs Loan.

Expenditure up to 31st March 1889.			Estimated Expenditure for 1889-90.			Date of Repayment of the Loan.
Amount of 10 per cent. transferred to Loan Works Establishment Fund.	Works.	Total.	Establishment.	Works.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1,21,413 0 0	5,91,365 3 11	7,12,778 3 11	.....	5,225 15 11	5,225 15 11	
.....	2,34,619 12 0	2,34,619 12 0	.....	1,80,088 1 2	1,80,088 1 2	
.....	.....	.....	.....	5,570 0 0	5,570 0 0	
.....	98,438 1 9	98,438 1 9	.....	1,161 14 3	1,161 14 3	
.....	26,417 4 9	26,417 4 9	.....	33,743 11 3	33,743 11 3	
.....	33,899 13 4	33,899 13 4	.....	11,752 2 8	11,752 2 8	
88,869 0 0	.....	88,869 0 0	.....	.....	.....	
.....	4,561 13 3	4,561 13 3	.....	.....	.....	
.....	.....	.....	.....	5,113 0 0	5,113 0 0	
.....	1,485 13 3	1,485 13 3	2,048 0 0	19,293 2 9	21,341 2 9	
88,869 0 0	3,99,422 10 4	4,88,291 10 4	2,048 0 0	2,56,722 0 1	2,58,770 0 1	
.....	1,05,756 2 5	1,05,756 2 5	.....	3,982 12 8	3,982 12 8	
.....	65,793 9 11	65,793 9 11	.....	.....	.....	
.....	35,569 8 0	35,569 8 0	.....	.....	.....	
.....	59,746 13 2	59,746 13 2	.....	2,722 15 2	2,722 15 2	
.....	87,861 11 9	87,861 11 9	.....	3,315 15 7	3,315 15 7	
.....	.....	.....	.....	.....	.....	
36,309 0 0	.....	36,309 0 0	.....	.....	.....	
36,309 0 0	3,54,727 13 3	3,91,036 13 3	.....	10,021 11 5	10,021 11 5	
2,46,591 0 0	13,45,515 11 6	15,92,106 11 6	2,048 0 0	2,71,969 11 5	2,74,017 11 5	

Nature of Loan Works.	Estimated Cost of each Work.	Amount of Loans Sanctioned.	Amount actually raised.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought forward ...Rs.	22,50,699 12 4	.....	.....
WATER WORKS.			
1. Malabar Hill reservoir	4,00,000 0 0		
2. Tulsi gathering ground, purchase of	96,336 0 0	.....	.....
3. Improving water supply of the outlying districts Rs.7,14,003—Rs. 1,083-2-8 transferred to Vehar filter beds	7,12,916 13 4	.....	.....
4. Construction of filter beds at Vehar ...1,01,000 0 0*			
12,216 15 11			
	1,13,216 15 11	.....	.....
5. Raising the Tulsi Dams (including pitching of Dams) Rs. 1,38,000—Rs. 7,793-10-4 transferred to Vehar filters...	1,30,206 5 8	.....	.....
6. Providing additional catch water channels at Vehar and Tulsi Rs. 1,15,716—Rs. 10,285-1-3 to meet excess on Bhandarwada Loan	1,05,430 14 9	.....	.....
7. Check meters for prevention of waste of water Rs. 1,50,000 —Rs. 2,911-1-6 transferred to Vehar filters	1,33,689 4 0	.....	.....
And Rs. 13,399-10-6 transferred to meet excess on Bhandarwada Loan	.....	.....	.....
8. NEW HYDRANTS	22,900 0 0	.....	.....
9. Construction of a double storied Chawl for Water Works staff ... ... Rs. a. p. 30,577 0 0		.....	.....
Add—Transferred from Ripon Road ovoid sewer grant 850 3 8			
Do. do. Ripon Road grant ... 425 0 0			
1,275 3 8			
	31,852 3 8		
10. Provision of a turbine at the Malabar Hill Reservoir ...	2,500 0 0	.....	.....
11. Enlargement of different mains, &c....	1,12,892 0 0	.....	.....
12. New water main from the Junction of Nesbit Road ...	15,000 0 0	.....	.....
Excess on Bhandarwada Water Works Loan—			
Transferred from Catch Water Channels Rs. a. p.			
at Vehar and Tulsi 10,285 1 3			
Do. do. Check meters for prevention of waste of water ... 13,399 10 6			
	23,684 11 9	.....	.....
	19,00,625 5 1	.....	.....
* Transferred from improving the water supply of the outlying Districts 1,083 2 8			
Do. Raising the Tulsi Dams ... 7,793 10 4			
Do. Check meters 2,911 1 6			
Do. Bori Bunder Stables 429 1 5			
1. New Road from Bellasis Road across old Race Course ...	1,43,292 0 0	.....	.....
Less—Amount transfered to Water Work Chawl ...	425 0 0	.....	.....
	1,42,867 0 0	.....	.....
OTHER SANITARY WORKS.			
1. Enlargement of Dhobi lines at Mahaluximi	50,000 0 0	.....	.....
2. Chawl for Gowlis working at Agripada Milch Cattle Stables	6,237 0 0	.....	.....
3. Health Department stables at Bori Bunder 50,000 0 0			
Less—Transferred to construction of filter beds at Vehar 429 1 5			
	49,570 14 7	.....	.....
	1,05,807 14 7	.....	.....
Total 44 Lakhs Loan... ...	44,00,000 0 0	44,00,000 0 0	44 00,000 0 0

continued.

EXPENDITURE UP TO 31ST MARCH 1889.			ESTIMATED EXPENDITURE FOR 1889-90.			Date of Repayment of the Loan.
Amount of 10 per cent transferred to Loan Works Establishment Fund.	Works.	Total.	Establishment.	Works.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
2,46,591 0 0	13,45,515 11 6	15,92,106 11 6	2,048 0 0	2,71,969 11 5	2,74,017 11 5	
41,566 0 0	3,58,434 0 0	4,00,000 0 0	.....	.....	.....	
.....	94,500 0 0	94,500 0 0	.....	.....	.....	
30,365 0 0	6,82,065 0 8	7,12,430 0 8	.....	.....	.....	
8,783 0 0	1,04,433 15 11	1,13,216 15 11	.....	.....	.....	
10,434 0 0	1,17,520 15 5	1,27,954 15 5	.....	.....	.....	
10,062 0 0	95,368 14 9	1,05,430 14 9	.....	.....	.....	
6,522 0 0	1,27,132 14 8	1,33,654 14 8	.....	.....	.....	
1,991 0 0	20,876 7 1	22,867 7 1	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
2,659 0 0	29,182 8 3	31,841 3 3	.....	.....	.....	
218 0 0	2,282 0 0	2,500 0 0	.....	.....	.....	
9,786 0 0	1,03,130 8 6	1,12,866 8 6	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	23,684 11 9	23,684 11 9	.....	.....	.....	
1,22,336 0 0	17,58,611 12 0	18,80,947 12 0	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
12,461 0 0	1,28,750 7 9	1,41,211 7 9	.....	1,655 8 3	1,655 8 3	
4,348 0 0	1,698 12 0	6,046 12 0	.....	43,953 4 0	43,953 4 0	
107 2 6	6,129 13 6	6,237 0 0	.....	.....	.....	
4,348 0 0	43,677 13 3	48,025 13 3	.....	.....	.....	
8,803 2 6	51,506 6 9	60,309 9 3	.....	43,953 4 0	43,953 4 0	
8,90,191 2 6	32,84,384 6 0	36,74,575 8 6	2,048 0 0	3,17,578 7 8	3,19,626 7 8	1st July 1925.

C.

7 Lakhs Sanitary Works Loan,

Nature of Loan Works.	Estimated cost of each Work.	Amount of Loan sanctioned.	Amount actually raised.
SANITARY WORKS LOAN OF 7 LAKHS.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. Drainage of the Fort	4,53,329 0 0	.....	.....
2. Malabar Hill Reservoir roofing extra grant	1,58,750 0 0	.....	.....
3. Additional works at Love Grove Pumping Station ...	39,724 0 0	.....	.....
4. Increasing and improving the distribution of water supply and providing higher levels, Tulsi District, with filtered water.	21,050 0 0	.....	.....
5. Constructing pipe drains in certain roads in Khetwadi ...	6,290 0 0	.....	.....
6. ,Do. side drain in Wari Bunder Road	9,046 0 0	.....	.....
7. Extra grant for the adjustment of expenditure at Bhandarwada Reservoir Works, new Outlet Tower at Vehar, less savings on 17 lakhs Loan Works and various Water Works included in the Sanitary Works Loan	10,589 0 0	.....	.....
8. Extra grant on account of Queen's Road Intercepting Sewer	13,544 0 0	.....	.....
	7,12,322 0 0	.....	.....
Or say, Rupees... ...	7,00,000 0 0	7,00,000 0 0	7,00,000 0 0
TANSA WATER WORKS LOAN OF Rs. 1,23,00,000			
Tansa Works	1,23,00,000 0 0	1,23,00,000 0 0	72,00,000 0 0
To be raised in 1888-89...	.....	.....	25,00,000 0 0
			97,00,000 0 0
12 LAKHS LOAN OF 1887-88.			
Sullage Water—			
1. Queen's Road House Connections ... Rs. 11,14,929	.....	.....	.....
2. Water mains in Frere Road ... ... ,, 85,000	.....	.....	.....
Rs. 11,99,929			
Or say, Rupees... 12,00,000	12,00,000 0 0	12,00,000 0 0	.....

Tansa Loan, and 12 Lakhs Loan.

Expenditure up to 31st March 1889.			Estimated Expenditure for 1889-90.			Date of repayment of the Loan.
Amount of 10 per cent. transferred to Loan Works Establishment Fund.	Works.	Total.	Establishment.	Works.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
39,419 0 0	3,27,563 10 9	3,66,982 10 9	.....	86,346 5 3	86,346 5 3	
.....	1,11,537 15 0	1,11,537 15 0	.....	45,926 9 1	45,926 9 1	
.....	34,645 9 6	34,645 9 6	.....	.....	.....	
.....	20,211 8 4	20,211 8 4	.....	.....	.....	
.....	5,282 6 0	5,282 6 0	.....	.....	.....	
.....	4,934 0 1	4,934 0 1	.....	.....	.....	
.....	7,990 10 6	7,990 10 6	.....	2,598 5 6	2,598 5 6	
.....	6,933 10 8	6,933 10 8	.....	6,610 5 4	6,610 5 4	
.....	.....	.....	.....	.....	.....	
39,419 0 0	5,19,099 6 10	5,58,518 6 10	.....	1,41,481 9 2	1,41,481 9 2	1st Feb. 1928.
2,04,065 1 6	54,51,421 2 8	56,55,486 4 2	86,000 0 0	30,00,000 0 0	30,86,000 0 0	47 lakhs repayable not later than 60 years from 1st January 1893, and the balance, not later than 40 years from the same date.
.....	.....	.....	.....	.....	.....	
2,798 8 5	88,408 10 6	91,207 2 11	29,640 0 0	5,00,000 0 0	5,29,640 0 0	
918 8 9	71,299 7 5	72,218 0 2	.....	12,781 15 10	12,781 15 10	
3,717 1 2	1,59,708 1 11	1,63,425 3 1	29,640 0 0	5,12,781 15 10	5,42,421 15 10	1st January 1928

BOMBAY MUNICIPALITY.

D.

Loan of Rs. 10,08,500

Nature of Loan Work.	Estimated cost of each Work.	Amount of Loan sanctioned.	Amount actually raised.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. New Market at Colaba	50,300 0 0	.....	.....
2. Erskine Road Market Extension	4,04,122 0 0	.....	.....
3. Arthur Crawford Market Extension	49,942 0 0	.....	.....
	5,04,364 0 0	or say 5,00,000 0 0	5,00,000 0 0
1. Extension of Parel Storm Water Drain to Shepherd Road	33,749 0 0	.....	.....
2. Storm Water Drain from Bellasis Road to ½ the length of Ripon Road	23,436 0 0	.....	.....
3. 9" Pipe Sewer along Bellasis Road, Foras Road, and Gilder Street	29,822 0 0	.....	.....
4. Concrete French Waste Weir, Vehar...	35,000 0 0	.....	.....
5. Mains in 14 Streets west of Frere Road	17,325 0 0	.....	.....
6. Do. various Streets	51,475 0 0	.....	.....
7. Arthur Road Connection Works	18,200 0 0	.....	.....
8. Deacon's Motors	18,000 0 0	.....	.....
9. Cross Road at Mahaluxmi Station	23,000 0 0	.....	.....
10. Road through Navroji Hill	2,63,875 0 0	.....	.....
11. Land for Chawls for Bigaris cleaning A. C. Markets....	16,000 0 0	.....	.....
12. Building do.	6,700 0 0	.....	.....
13. Purchase of Land for a Night-soil Depôt, Delisle Road	5,000 0 0 2,247 4 0 6,503 0 0	.....	.....
14. Filling in do.	16,000 0 0	.....	.....
15. Ward Office at Dadar	23,676 0 0	.....	.....
16. Purchase of Land at DeLisle Road Junction	96,991 12 0	.....	.....
17. Reserved for Works to be sanctioned			
	6,82,000 0 0	.....	.....
		6,82,000 0 0 *Deduct*—To be met from cur	5,08,500 0 0
Total ...	11,82,000 0 0	By the Corporation. 11,82,000 0 0	10,08,500 0 0
		10,08,375 0 0	.....

* The Government of India have not sanctioned the raising of a Loan for these works aggregating Rs. 1,73,118.

of 1888-89.

Expenditure up to 31st March 1889.			Estimated Expenditure up to 1889-90.			Date of repayment of the Loan.
Establishment.	Works.	Total.	Establishment.	Works.	Total.	
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
.....	.....	.....	3,240 0 0	47,060 0 0	50,300 0 0	
.....	2,86,570 15 4	2,86,570 15 4	.....	1,13,187 0 8	1,13,187 0 8	
.....	.....	.....	3,000 0 0	46,942 0 0	49,942 0 0	
.....	2,86,570 15 4	2,86,570 15 4	6,240 0 0	2,07,189 0 8	2,13,429 0 8	
.....	.....	.....	.....	.....	.....	
.....	451 14 1	451 14 1	2,700 0 0	54,026 1 11	56,726 1 11	
.....	323 6 4	323 6 4	2,400 0 0	27,098 9 8	29,498 9 8	
1,114 3 7	17,421 8 7	18,535 7 2	.....	16,464 8 10	16,464 8 10	
1,321 1 7	50,767 11 7	52,088 13 2	.....	16,711 2 10	16,711 2 10	
.....	5,336 12 3	5,336 12 3	.....	7,863 3 9	7,863 3 0	
.....	16,788 0 0	16,788 0 0	.....	1,212 0 0	1,212 0 0	
.....	71 0 0	71 0 0	.....	22,929 0 0	22,929 0 0	
.....	.....	.....	7,680 0 0	2,56,195 0 0	2,63,875 0 0	
.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	7,247 4 0	7,247 4 0	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	14,140 0 0	14,140 0 0	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	
.....	.....	1,14,982 9 0	12,780 0 0	4,02,499 11 0	4,15,279 11 0	
2,435 5 2	1,12,547 3 10	.....	.....	.....	.....	
rent revenue...	21,387 4 0	21,387 4 0	.....	.....	.....	
2,435 5 2	3,99,118 3 2	4,01,553 8 4	19,020 0 0	6,09,688 11 8	6,28,708 11 8	
	21,387 4 0	21,387 4 0				
.....	3,77,730 15 2	3,80,166 4 4				
Deduct—Difference to bring the total to Rs. 10,08,500, the amount of Loan raised					375 0 0	
					6,28,333 11 8	1st Oct. 1928.

E

SUMMARY.

	Estimated cost of Works.	Amount of Loan sanctioned.	Amount actually raised or to be raised up to 1889-90.	Expenditure up to 31st Mar. 1889.	Estimated Expenditure for 1889-90.	Total anticipated Expenditure up to 1889-90.	Anticipated Balance on 1st April 1890.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
27 Lakhs Loan as per Statement marked A	27,00,000 0 0	27,00,000 0 0	26,94,000 0 0	26,15,451 3 7	78,548 12 5	26,94,000 0 0	.....
44 Do. do. do. do. B	44,00,000 0 0	44,00,000 0 0	44,00,000 0 0	36,74,575 8 6	3,19,626 7 8	39,94,202 0 2	4,05,797 15 10
Sanitary Works Loan of 7 Lakhs marked C	7,00,000 0 0	7,00,000 0 0	7,00,000 0 0	5,58,518 6 10	1,41,481 9 2	7,00,000 0 0	.....
Tansa Water Works Loan marked C	1,23,00,000 0 0	1,23,00,000 0 0	97,00,000 0 0	56,55,486 4 2	30,86,000 0 0	87,41,486 4 2	9,58,513 11 10
12 Lakhs Loan for Queen's Road Sewerage and Frere Road Main as per Statement C	12,00,000 0 0	12,00,000 0 0	12,00,000 0 0	1,63,425 3 1	5,42,421 15 10	7,05,847 2 11	4,94,152 13 1
Loan of 10,08,500 for Drainage and Water Works, Markets and Roads as per Statement D ... ...Rs. 4,01,553 8 4	11,82,000 0 0	11,82,000 0 0	10,08,500 0 0	3,80,166 4 4	6,28,333 11 8	10,08,500 0 0	.....
Less—Expenditure incurred on Works for which the Government of India have not sanctioned the raising of a Loan, and which will have therefore to be met out of Current Revenue ... ... „ 21,387 4 0							
Works executed out of Cash Balances as advances pending the raising of the necessary Loans ...	2,24,82,000 0 0	2,24,82,000 0 0	1,97,02,500 0 0	1,30,47,622 14 6	47,96,412 8 9	1,78,44,035 7 3	18,58,464 8 9
				10,398 13 2	23 037 15 7	33,436 12 9	
				1,30,58,021 11 8	48,19,450 8 4	1,78,77,472 4 0	

	Expended in 1888-89.	Estimated Expenditure for 1889-90.	TOTAL.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Trial Pits at the Malabar Hill Reservoir	1,736 12 9	.....	1,736 12 9
Extension of Catch-water Channels at Tulsi	399 0 0	19,601 0 0	20,000 0 0
	2,135 12 9	19,601 0 0	21,736 12 9
Survey for Pipe Sewers in Omarkhari and other Districts ..	8,263 0 0	3,436 15 7	11,700 0 0
	10,398 13 2	23,037 15 7	33,436 12 9

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 10th November 1889.*

The following return was read and *recorded*:—

Return of fires at Picquet Road, Cumballa Hill and Apollo Street, forwarded with the Commissioner's memoranda Nos. 13093, 13317 and 13519, dated respectively 5th, 11th and 13th November 1889.†

Read letter No. 4388 W, dated 12th instant, to the Commissioner, as follows :—

SIR,—I have the honour to report on the supply of water at the fire which took place in Apollo Street last night, the 11th instant (Monday).

I was on the spot before any fire-engine, or water, or Police officer. I arrived at 11-30. Immediately afterwards the Fort fire-engine arrived.

The water-supply in this District is intermittent from Malabar Hill Reservoir, and had been shut down at 6-30 in the evening in the usual way. I was assured at the Telephone Exchange that the Malabar Hill Reservoir had replied to the alarm at 11-20 p.m., and I calculated that the water would be on between 11-40 and 11-45. It arrived at 11-42. No water was, however, utilized until 11-55, and then only by one engine and one direct jet from the main.

From 11-42 to the subduing of the fire, the supply was the same, and at the same pressure, which is the highest pressure the Reservoir can give about 52 lbs. in this locality.‡ The supply could not have been improved through the present mains even with constant supply and Tansa water, and notwithstanding all statements to the contrary, the want of water at the beginning was in no way due to the want of supply from the mains.

When the fire-engines eventually got settled to work, the following jets were thrown :—

	Name.	Where situated.	Size of Main.	Lines of Hose.
1	Dockyard Steamer	Apollo Street Junction, British Hotel Lane.	8" & 3"	2
2	Direct from Main	Apollo Street, near Nesbit Lane.	4"	1
3	Fort Steamer	Apollo Street Junction of Hamam Street.	5"	1
4	Gowalia Steamer	Apollo Street, near Bruce Lane.	5"	2
5	Private Manual	Green Street	3"	1
6	Direct from Main	Do.	8"	1
7	Byculla Steamer	Custom House Road	8"	2
8	Paidhoni Steamer	Custom House Road near Opium Warehouse.	6"	1
9	Port Trust Steamer	Near Custom House	8"	1

* *See* Appendix **B**. † *See* Appendix **D**.

‡ When I returned to the Esplanade Hotel at 5-15 A.M., I found the tanks above the top floor overflowing.

There remained unutilized for want of stand pipes and hose, within 800 feet of the fire, the following hydrants :—

Name of the place.	Hydrants.
Church Gate Street Junction with Apollo Street	10″ One
Church Gate Street	8″ One
Elphinstone Circle Garden	10″ One
Custom House Road, near Bombay Green	8″ One
Do. do.	Watering Post on 8″
Do. opposite Custom House...	8″ One
Do. Junction near Opium Warehouse ...	8″ One

Each of these would have fed a steamer. There are also within a radius of 700 feet, but on smaller 3″ and 4″ mains, 5 other hydrants. These 12 hydrants could have been utilized without materially affecting the supplies from the hydrants actually drawn upon.

The general aspect of affairs was so alarming at 12-45 A.M. that, after a consultation with Mr. Gell, Deputy Commissioner of Police, I thought it prudent to telephone for the assistance of the Port Trust engine, which arrived at 2-45 A.M.

The Police officers, as usual, mustered rapidly, and they were materially assisted by men of the Naval Brigade.

I append a plan showing the location of the fire and the water mains in the immediate neighbourhood.

I would urgently recommend that a material addition be made to the hose provided for each engine. I think each steamer should have at least 2,400 feet, each manual 800 feet, and there should be provided for direct use from the fire hydrants, 8 additional stand-pipes as well as a second stand-pipe with each engine.

Each of the 8 additional stand-pipes should have 800 feet of hose.
Each steamer should carry 3 nozzles or branch pipes.
Each manual do. 2 do. do.
Each stand-pipe for direct use 3 do. do.

Five sets of ladders should also be provided so as to enable the hose to be immediately carried to any required height or place.

I should also recommend that the price delivered in Bombay should be ascertained of the hose-escapes now attached to each American brigade. These escapes carry a telescopic pipe with a curved nozzle.

The nozzle is actuated from the ground and can be raised or lowered or pointed in any direction at the will of the operator. They are suitable for cases of difficult external access.

I have already included amongst the list of proposed new works for 1890-91, forwarded to you under this office No. 4229 W of the 6th instant, a sum of Rs. 1,00,000, for the provision of 9″ and 12″ mains, the object of which is explained in the closing para. of the Administration Report for the past year as follows :—

"There remain for consideration . . . . . the provision of 9″ and 12″ mains at suitable distances apart throughout the city so as to bring within reach of any property one or more water mains fully equal to yielding a sufficient supply of water for fires either for the supply of the engines or for use from the fire hydrants direct. The benefit of such mains is amply proved at every fire where they are

now within available distance. These mains will also defer for some years the necessity of extensively renewing the old and corroded 3" mains by which alone large portions of the native city are supplied."

The one lakh proposed for this year will of course only suffice for a portion of the city.

It may be of some interest to know that 5,000 tons of water were sent from the Malabar Hill Reservoir between midnight and 4 A.M.—I have, &c., S. TOMLINSON, C.E., Deputy Executive Engineer, in charge, Water Works.

Proposed by Major Selby, seconded by the Chairman, and *Carried*—

"That Mr. Tomlinson's report as to the fire in Apollo Street, be printed and circulated, and considered at the next meeting."

Major Selby gave notice that at the next meeting he will call attention to the omission from Government Notifications Nos. 7278 and 7388, Political Department, dated 4th and 7th instant (regarding the reception of H.R.H. Prince Albert Victor of Wales, K.G.), of the name of the Chairman of the Standing Committee, although that officer's name should have been included in the list in accordance with the Supplementary Graded List to the Warrant of Precedence.

No. 4825. The Municipal Secretary reported the receipt of a memorandum from Mr. Motilal Ranchod Kara, stating that he has been cured of leprosy by a hakim, and offering to give further information on the point. The Committee decided that it was not necessary to circulate the memorandum.

No. 4826. The Municipal Secretary also reported the receipt of 10 copies of a pamphlet called "Anandi" from Mr. Jehangir Kuvarji Pradhanna, which it was decided should be transferred to the Joint Schools Committee.

No. 4827. On the motion of H. O. Selby, Esq., seconded by Kaikhosro N. Kabraji, Esq., a Sub-Committee consisting of the Chairman, E. B. Carroll, Esq., Cowasjee Hormusjee, Esq., Javerilal Umiashankar Yajnik, Esq., Colonel Merewether and Major Selby, was appointed to confer with the Commissioner on certain confidential matters.*

* *See* file of confidential papers, No. 280 of 1885-86, kept by the Secretary.

BOMBAY, 20*th November* 1889.

AT the Meeting of the Standing Committee held this day, there were present :

THOMAS BLANEY, Esq., *Chairman*.
COWASJEE HORMUSJEE, Esq., C.G.M.C. ; DOSABHAI FRAMJI, Esq., C.S.I. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; MAJOR H. O. SELBY, R.E.
E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the EXECUTIVE ENGINEER, Tansa Water Works ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the MUNICIPAL SECRETARY.

The signing of the minutes of the Meeting held on the 13th instant was postponed.

No. 4892. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 13736, 13737, and 13752, dated 18th and 19th instant, respectively, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

Names of Owners.	Where.
Mr. Bhanji Damji.	Building at Nos. 37—39, Khetwadi Main Road.
„ Tricumji Mulji.	Do. at No. 17, Chinch Bandar Road.
Bai Luxmibai Purshotum.	Do. at Nos. 186—188 & 190—192, Duncan Road.

No. 4893. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 13738, dated 18th instant, the rate for the 75·22 square yards, or thereabout, of ground taken up from Mr. Karimji Alibhai, for the improvement of Bhaji Pala Road, be increased from Rs. 30 to Rs. 65 per yard."

No. 4894. The seal of the Corporation was affixed to deed of contract with Mr. Sorabjee Jamshedjee for winding and repairing Municipal clocks during the year 1889-90.

The consideration of the following was further postponed until next week to allow of further enquiries :—(1) Application from the Commissioner, for approval to an order in writing being given to Mr. Bhawoo Ramchundra, authorising him to carry a drain from his house in Girgam Back Road, through the land of Mr. Sitaram Dhakji Waslekar ; (2) letter, dated 13th instant, from Mr. S. D. Waslekar, objecting to pay the cost of carrying such drain from the gully of his neighbour.

Resolved: "That, with reference to the memorandum No. 13648, dated 16th instant, from the Commissioner, sanction be given to his obtaining the following appliances for the Fire Brigade from Messrs. Richardson & Cruddas at an aggregate cost of Rs. 5,088. No. 4895.

"That the Standing Committee dispense with the invitation for tenders for the supply which would otherwise be necessary by reason of the urgent necessity for obtaining the articles forthwith and as they cannot be purchased in the open market :—

"1,800 feet hose, at Rs. 1-4-0 per foot—Rs. 2,250 ; 8 sets fire hydrant keys, at Rs. 21 per set—Rs. 168 ; 300 feet ladders, at Rs. 3 per foot—Rs. 900 ; 13 stand-pipes, at Rs. 50 each—Rs. 650 ; 10 branch pipes, at Rs. 22 each—Rs. 220 ; 3 hand-hose reels, at Rs. 300—Rs. 900. Total Rs. 5,088."

Resolved : "That memorandum No. 13751, dated 18th instant, from the Commissioner, reporting that the whole of the 25 lakhs Tansa Loan has been taken up at rates varying from 4½ to 3½ per cent. premium, be *recorded*." No. 4896.

The consideration of the resolution of the Corporation, No. 4664, dated 30th ultimo, regarding the cost of making a new road from Love Lane through Rose Cottage Lane to Matharpakadi, was, at the request of the Commissioner, further postponed till next week.

Considered the following letter, dated 15th instant, to the Municipal Secretary :—

SIR,—In accordance with the notice I gave at the last meeting of the Standing Committee, I have the honour to address you on the subject of the omission of the name of the Chairman of the Standing Committee from Bombay Political Department, notification No. 7278, dated 4th November 1889, paras. 6 and 13 of which read as follows :—

"6. His Royal Highness will be received at the Bunder by His Excellency the Governor, His Royal Highness the Commander-in-Chief and Staff, and by the Hon'ble the Chief Justice of Bombay, the Judges of Her Majesty's High Court, the Additional Members of the Council of His Excellency the Governor for making Laws and Regulations, the Vice-Chancellor of the University of Bombay, the Brigadier-General Commanding the Bombay District, the Director of the Indian Marine, the President of the Bombay Municipal Corporation, the Municipal Commissioner, the Sheriff of Bombay, and the Heads of Departments, Civil and Military, or by such of these high officials as are then in the Presidency Town, for whom a space marked A will be reserved.

"13. The attendance of Heads of Departments at the station is dispensed with, but the Brigadier-General Commanding the Presi-

dency District with the District Staff, the Collector of Bombay, the President of the Bombay Municipal Corporation, the Municipal Commissioner, the Commissioner of Police, and the Sheriff of Bombay will be present at the Victoria Terminus."

2. Turning to Her Majesty's Warrant of Precedence for India, dated Balmoral, 18th October 1876, and the supplementary Graded List issued by the Government of India, we find in the second class, ranking as Colonels: "No. 56.—The Chief Officer of each Presidency Municipality within their respective charges."

This, as shown by Bombay Government letter No. 193, General Department, dated 19th January 1888, refers to the President of the Corporation.

In the 3rd class, ranking as Lieutenant-Colonels, we find: "No. 71—Sheriffs within their own charges" and in the same class and as No. 72, "Chairman of the Standing Committee, Bombay."

3. It will be noted that, in the above quotations from Political Department No. 7278, dated 4th November 1889, the names of the President of the Corporation and of the Sheriff of Bombay both appear; but there is no mention whatever of the Chairman of the Standing Committee who ranks next to the Sheriff.

Now, it cannot be urged that the omission was to prevent an excessive number of persons in space "A" and for two reasons: firstly, because No. 72 is the *last* number in class 3, and secondly, because whilst Government omitted the name of the Chairman of the Standing Committee, Bombay, they entered that of the Municipal Commissioner *before* that of the Sheriff, that officer having *qua* Municipal Commissioner, no precedence whatever under the Warrant, or the supplementary Graded List.

4. It is possible that the omission was an oversight, but it appears desirable to point it out to Government in order to prevent its happening another time.—I am, &c., H. O. SELBY.

Proposed by Major H. O. Selby, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Municipal Secretary be requested to address Government on the subject in terms of the above letter."

No. 4897.

Carried.

Resolved: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 13840, dated this day."

No. 4898.

The consideration of the following was further postponed till next week:—Letter No. 4388W., dated 12th instant, from Mr. S. Tomlinson, Deputy Executive Engineer in charge Water Works, relating to the fire in Apollo Street.

Ordered: "That the following be laid on the table:—Letter, dated 16th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each

No. 4899.

week for the month of October last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 17th November 1889.*

The following return was read and *recorded* :—

Return of fires at Lady Jamsetji Road, Fanaswady, and Love Lane, forwarded with the Commissioner's memoranda Nos. 13657 and 13766, dated respectively 16th and 19th November, 1889.†

The consideration of the Schedule of Establishments prepared by the Commissioner in accordance with Section 79 of the Act was postponed till next week.

Resolved : "That, in reply to his letter, dated this day, protesting against the transfer of a property in old Nagpada, Mr. Ibrahim Valibhai be referred to the Resolutions of the Committee, Nos. 1530 and 2495, dated 19th June and 10th July last, respectively, and informed that the transfer of properties does not come within the province of the Committee."

No. 4901.

Resolved : "That, as applied for by the Commissioner in his memorandum No. 13832, dated this day, sanction be given to the acceptance by him of the tender of Messrs. Richardson & Cruddas for the supply of spare parts of Siemen's meters at rates quoted in the schedule accompanying the above memorandum.

No. 4902.

"That the Standing Committee dispense with the invitation for tenders for the supply which would otherwise be necessary, as Messrs. Richardson & Cruddas are the sole agents in Bombay for Messrs. Guest & Chrimes, and as the fittings are urgently required."

On the motion of Major Selby, the reporters for the public press were requested to withdraw.

The Committee expressed their disapproval of the fact that certain of their confidential proceedings of the Special Committee of the 18th instant appeared in the *Times of India* of 19th idem.

The report, dated this day, from the Special Committee on the question of the water-supply, was then read and

* *See* Appendix B. † *See* Appendix D.

considered in detail. (This report is filed on the file of "Confidential" papers kept by the Secretary, marked No. 280 of 1885-86.)

Read the following :—

"We certify that, having regard to the present state of the Vehar Lake, the probable replenishment thereof, by means of average rainfalls, and the quantity of water required for the increasing needs of the City, it is, to the best of our judgment, absolutely necessary that special measures should be taken to provide against an almost certain deficiency in the water supply during the hot weather of 1892, and a possible deficiency during the hot weather of 1891; and we have elsewhere indicated the measures which in our opinion should be taken to guard against the evils which would be occasioned by the present lake supply running short in either of those years."

E. C. K. OLLIVANT.
S. TOMLINSON.
W. CLERKE.

18*th November* 1889.

It was decided to first deal with that part of the Special Committee's report which relates to the Pawai Valley Scheme.

Read Mr. Tomlinson's report, dated 19th instant, as follows :—

No. 4537 W.

19*th November*, 1889.

FROM

THE DEPUTY EXECUTIVE ENGINEER,
In charge Water Works,

To

E. C. K. OLLIVANT, ESQ., C.S., C.I.E.,
Municipal Commissioner.

SIR,—I have the honour to submit a report on the proposed Pawai Valley Scheme, by which it is intended to secure the water flowing from 1,700 acres of ground forming part of the Pawai Estate and situated immediately to the south-east of the Vehar Lake.

2. Before proceeding to describe the main features of the proposed scheme, it is necessary to state briefly the present position of the water-supply to the city.

Present sources of supply.

3. The present supply is derived from the Vehar and Tulsi Lakes, and the mains leading from them discharge, when they are not restricted, about 11 millions and 4¾ millions of gallons daily, respectively.

Quantity per day.

Tulsi Lake.

4. The storage capacity and gathering ground of the Tulsi Lake are now such that over a series of years the Lake will be able to meet the demand. In other words, the maximum draw-off is not more than the yield of an average rain-fall. This Lake cannot, however, with safety to itself be called upon to assist Vehar.

Vehar Lake.

5. The Vehar Lake is not nearly able to meet the demands now made upon it, and the demands made do not satisfy the wants of the people. The average storage in the Lake is about 900 millions of gallons per annum less than the annual loss by evaporation and the present supply to the city. It may be asked, how has the Lake managed so far to keep up the supply? The answer is, that the mean rain-fall for the last 7 years (1883—89) has been 22 per cent. in excess of that of the preceding 7 years (1876—82) and 9 per cent. in excess of the period 1861—89. This remarkably favourable rain-fall will not continue, and yet the Lake contained on the 31st October this year 2,000 millions of gallons less than on the 31st October, 1887. The rain-falls of the years 1888 and 1889 were respectively 6 per cent. below, and 4 per cent. above, the average. It will therefore, I think, be evident that Vehar is fairly established on the road to bankruptcy, and that to restore it to a sound condition involves either the curtailment of the draught upon it to the extent of 3 millions of gallons daily or an addition to its supply of a similar quantity.

Effect of curtailed supply.

6. A curtailment of 3 millions of gallons daily would produce a calamitous state of affairs in Bombay and must be avoided if possible.

Consequences of a minimum rain-fall in 1890.

7. So far the average only has been considered. Should it be our lot to have next year a minimum rain-fall, there would be an absolute water-famine in the hot season of 1891, which could not even practicably be met by condensing sea water.*

Result of a maximum rain-fall in 1890.

8. With these facts and possibilities before us, those who so choose may derive all the comfort and security possible from the further consideration that a maximum rain-fall next year would fill the Lake.

* The cost was estimated by Mr. Hawkes, whilst acting for me, at half a lakh of rupees per day, for 10 millions of gallons. This estimate allows nothing for purchase of plant, which would be 4 crores of rupees.

Suggested schemes for additional supply.

9. Four schemes to avert the possible calamity will be suggested. These are—

1. The expediting of the Tansa Works.
2. The utilization of the remaining portion of the Kenari Valley supply.
3. The utilization of the supply in the Ewúr or the Kamun Valleys.
4. The utilization of the supply in the Pawai Valley.

Expediting Tansa Works.

10. As to the completion of the Tansa Works, it appears that the earliest possible date by which the Contractors will now undertake to complete the duct is March 1892 : even, I presume, if there should be no stoppage of work through an epidemic of cholera or by other unforeseen causes. Tansa will then be of no service in 1891, nor until far into the fair season of 1892.

Kenari Valley.

11. The Kenari Valley is situated to the north of Vehar. There is but one good site for a dam, and above that site there was formerly a gathering ground of 5½ square miles. The construction of the Tulsi works, including the additional catch-water channels, has already utilized over 3 square miles. There now remain, therefore, barely 2½ square miles or 1,600 acres. To bring this water into Vehar by gravitation involves the construction of a dam 78 feet in height, and either an open duct about 8 miles long or a long tunnel. These works were estimated on a former occasion by Mr. Walton, then Executive Engineer on special duty, to cost 16½ lakhs of rupees. They certainly could not be completed before the monsoon of 1892. As an alternative to this gravitation duct, the water might be pumped into Tulsi, and thence flow down into Vehar. The lift would be from 220 T. H. D. (the stream level is at 203 T. H. D.) to 456·5 T. H. D. or 236·5 feet, and the works would be in a valley difficult of access for coal and stores, and also very unhealthy.

I think these considerations, coupled with what follows on the Pawai project, will be found sufficient to decide that the Kenari Valley cannot afford the immediate assistance which is so desirable, not to say necessary.

Ewúr Valley.

12. Ewúr Valley is situated to the north-east of Tulsi Lake. I have never investigated this project nor been in the valley. I therefore

summarize the scheme as prepared by Major Tulloch, R.E., (the then Executive Engineer) in 1871. The valley would yield 6½ million gallons per day. Two dams at least would be necessary to utilize the 2,720 acres of gathering ground. The channel to Vehar would be about 6 miles long, unless the Tansa Duct could be utilized by the construction of a tunnel through the hills west of Thana. Major Tulloch's estimate of the cost was 19 lakhs for the dams only and about 6 lakhs for duct and land. I think it would take 3 years at least to make this water available. This scheme is not, therefore, for the present emergency any more favourable than the Kenari scheme.

Kamun Valley.

13. Kamun is on the main land many miles away, and is a pumping project. It is out of the question as a relief in the present emergency, but may be examined in future years.

Pawai Valley recommended.

14. The only project by which an additional supply can be secured from June next year (1890) appears to me therefore to be the one set forth at the beginning of this report. The proposal is to obtain pumping plant for 8 millions of gallons per day to be fixed at the junction of the Pawai and Vehar Valleys; to intercept the flow equal to 8 millions of gallons daily for 180 days from the Pawai Valley by a masonry dam; and to use such a quantity of water annually as will suffice to make up the established deficiency of the Vehar Lake. The water to be pumped either direct into the main leading to Bhandarwada Reservoir, there to be filtered; into the Vehar filters or 24" main;* or into the Vehar Lake as may be found most economical and practicable, having regard to the quantity and quality of the water.

Objections to Pawai Project.

15. Before entering on the advantages of this project, I must deal with the objections which have been or will be raised against it:

a.—"*The proposed works are below Vehar. If the Vehar dams burst, these works would likewise perish.*"—This is the oldest objection to the construction of works below Vehar, and was urged 20 years ago against a proposal by Mr. Russel Aitken to construct a very large lake in this valley with earthen embankments. I believe

* A portion of the water may be disposed of by gravitation through the 24" main.

no one has any serious apprehension as to the safety of any one of the three dams now; and this objection is not sufficient in my opinion to cause the rejection of the project if it should be found to be in other respects desirable.

b.—"*It will be necessary to acquire land for the construction of the works, which land is of considerable value.*"—This objection is a perfectly fair one; land will certainly be required, and money will have to be paid for it.

c.—"*There is cultivated ground within the catchment area.*"—There is, and although there does not appear to be any manure used, yet I should prefer a catchment perfectly clean and free. The proposed purchase of the whole gathering ground will entirely remove this and the succeeding objection.

d.—"*There are several huts and the Pawai Bungalow within the catchment area.*"—This is correct; the huts are very small and would go if the cultivation was stopped. The drainage of some huts can be diverted. The bungalow is not occupied. This objection is the only one which has any weight with me, and it can be entirely removed by the purchase of the structures. Even as it is, the risk of pollution is very small, but I should prefer to see it removed.

e.—"*After the arrival of the Tansa supply, there will be an abundance of water and these works will be useless.*"—Tansa is intended to deliver by the present development of it 17 millions of gallons per day. The above objection implies that 3 millions per day is to be appropriated to make up the deficiency of Vehar. The exact date *when* may be a matter of opinion, but undoubtedly the Tansa supply will have to be increased within a few years after its arrival, and at an expenditure of about 50 lakhs, in order to avoid a return to intermittent supply. The present project will postpone that time for some years, and this auxiliary supply will be at hand to assist during any temporary stoppage on the 40 miles of duct. When the Tansa supply is

received, there will be under 30 gallons per head per day of the population to be supplied. A further reply to the assumed future uselessness of these works is given later on amongst the advantages of the works.

Capabilities of the Pawai Project.

16. I will now state in as much detail as the surveys already completed will allow of what the features of the Pawai Project are, and the advantages it possesses. The Pawai Valley stream above its junction with the Vehar or Goper River drains about 1,800 acres, and at the point selected for the proposed dam 1,700 acres (calculated from the Topographical Survey Sheets). It is always a vexed question what the flow-off from a drainage area will be, and what the rain-fall will be. In this case, however, I think every one will be satisfied that I have not overestimated its capacity; because, in the first place, I have taken the average rain-fall at 78 inches as against the 81·59 inches actually recorded at Vehar over a 27 years' period, and that, whereas the yield of this 1,700 acres is taken at 4 millions of gallons per day only, the Tulsi gathering ground has for the last 10 years yielded 4½ to 4¾ million gallons per day, with an area, until this year, of 1,714 acres only, and up to 1885 of 1,450 acres only. It has, moreover, overflowed slightly almost every year, but it must be remembered that the rain-fall has been favourable. The yield, therefore, from the Pawai Valley in an average monsoon would be 1,440 millions of gallons—a quantity amply sufficient to secure Vehar in an average* year, and consequently over a series of years also, with its present mains discharging at their maximum. The calculations upon which these statements are based are appended.

Capacity of pumps required.

17. With pumps capable of lifting 8 million gallons daily 100 feet high, that quantity could be placed either through the 32″ main direct to Bhandarwada Reservoir and there filtered, or into the Vehar Lake. In the former case, the 32″ main leading from the Lake would of course be closed during the period of pumping, which would be 180 days. 8 millions of gallons is the present supply through the 32″ main, and is 1 million gallons more than is delivered into Bhandarwada from

* I lay stress on the word "average." Vehar would not overflow in a year of minimum rain-fall, but the 400 million gallons we should receive in a minimum year would be of the greatest value.

Vehar. The additional 1 million gallons is obtained by delivering straight into the city. It will be understood now why a pumping plant of about 8 millions of gallons is desirable, *viz.*, to make it equal to the maximum economical capacity of the 32″ main.

Capacity of Reservoir required.

18. For the period 15th June to 30th September, the streams might be taken to yield at least 8 million gallons daily, and in this period of 107 days, 856 millions of gallons would have been disposed of, either by supplying the city or by pumping into Vehar. The total quantity to be disposed of is 1,440 million gallons, and there would therefore be required a storage on the 15th October of 1,440 — 856 = 584 millions of gallons for the remaining 73 days of pumping.* A dam is therefore required to impound 584 millions of gallons.

Site for the Dam.

19. The site for the dam is a very favourable one, and at the highest point, *i.e.* in the bed of the stream, will only require to be about 25 feet high. The top water level will then be at 190 T.H.D. or exactly the same as the Bhandarwada Reservoir. The level of the boards on the Vehar Waste Weir is 263·5 T.H.D. The exact height cannot be fixed until the contouring, which is now in progress, is completed; but I believe a dam at 190 T.H.D. will prove to be sufficient. The proposed dam is designed, however, to be raised to 195 T.H.D. for reasons which are stated later on in considering the partial use of the supply by gravitation.

I attach a drawing showing the cross section of the valley at the point selected for the dam. No trial-holes have been sunk, but a depth of 10 feet below the surface is taken as the foundation level, and the quantities are worked out on this assumption. The dam is proposed to be constructed of rubble masonry in 3 to 1 Portland cement mortar.† The cross section of the dam is shown on the drawing attached. It is to be 10 feet wide at the top, where over 15 feet high; and 5 feet wide under 15 feet high with the water face vertical, and a batter of 3 inches per foot on the back.

* If a portion of the collection was disposed of by gravitation, the quantity pumped and the days of pumping would be reduced, and also would enable the heavy floods to be better dealt with by keeping the Reservoir at a lower level.

† If it be found possible to obtain hydraulic lime of sufficiently good quality it will be used, and there would be a consequent saving on the estimate.

Site for the Pumping Station.

20. The site for the pumping station is selected near the Vehar-Saki Road, and subsidiary arrangements may be made for utilizing the monsoon flow from the Vehar Valley above this point, as well as the perennial stream made up of the soakage from the Lake. These, together, would yield about ½ million gallons per day. By the construction of a dam, this quantity would be increased to 800,000 gallons per day, or 290 millions of gallons per annum. For the present season, however, I do not now propose the erection of a permanent dam in the Main Vehar Valley, and in the estimates neither the water which can be so obtained nor the cost of obtaining it are included. I have added a supplementary estimate amounting to Rs. 23,000 for this dam.

Mr. Carroll's suggested modifications.

21. I must here deal with the modification of the above scheme suggested by Mr. Carroll, which is to obtain immediately sufficient pumping plant to lift the whole of the water during the monsoon season, so as to avoid the construction of a dam beyond that to impound a week's supply of the capacity of the pumps.

Requirements in a heavy flood.

22. The drainage area, as stated above, is 1,700 acres. A rain-fall of 18 inches in one week is an ordinary experience. In such cases the flow-off is 80 per cent. of the rain-fall, and the quantity would be 645 million gallons. If it be proposed to have pumps to lift one-half of this quantity, they would have to be of a capacity of 46 millions of gallons daily, and the dam would have to impound 322 millions of gallons to afford a week's supply. The cost of the pumps alone would be 6½ lakhs of rupees, and the mains would require to be two of 48 inches, each costing 3 lakhs of rupees. It will be readily seen that a large dam is absolutely essential to any economical working of a stream like this, which passes a great part of its total flow in a few days of heavy floods. I append tables extracted from the Water Works Administration Report of 1887-88. There are tables of weekly rain-fall at Vehar for 27 years, and an analysis of rain-fall and collection at Vehar and Tulsi in 1887. These tables would support a proposal to increase the capacity of the proposed dam, and its section is so designed that it may be raised 5 feet at any time.

Streams not favourable to immediate pumping.

23. Unless some definite maximum be fixed to the capacity of the pumps, it is not practicable to say how much water would be collected in a dam of one week's supply, but the rise and fall of all streams in this locality is remarkably rapid, and to utilize a fair percentage of the flow by immediate pumping will involve a very large initial expenditure for pumps and pipes. The loss on the re-sale of these would undoubtedly be greater than the total cost of the dam and the purchase of the necessary land, both of which latter would be permanently useful.

Cost of Pumps for 13 millions per day.

24. To exemplify the matter still further : To secure the desired result, I have above proposed pumps lifting 8 millions per day and a dam impounding 584 millions of gallons. If this 584 millions be added to the pumping of 107 days, we should have just over 5 million gallons daily to add to the pumping plant—an increase of over 60 per cent.,—and the dam would have to impound for one week's supply 91 millions of gallons. The saving on the dam would be about Rs. 30,000, and the additional expenditure on pumps would be Rs. 70,000.

The pumping main would require to be increased by 60 per cent. carrying capacity and at a cost of Rs. 60,000, in order to avoid an increase in the cost of pumping per million gallons. Additional pumps would of course involve additional houses for them and an addition to the staff for working them. I cannot, therefore, recommend that the dam be dispensed with. I should rather favour its increase even with 8 million gallon pumps for reasons which will appear when we consider the project as an independent lower level supply for Kurla and the northern parts of Bombay Island or for irrigation purposes.

Proposals recommended.

25. The proposals recommended are therefore :—

1. The construction of a masonry dam with the top water level at 190 T. H. D. and the draw-off at 170 T. H. D. The capacity of the Reservoir to be approximately 580 millions of gallons and its area about 450 acres.
2. The provision of two Worthington Triple Expansion Pumping Engines with Babcock's

Boilers. Each pump to be capable of lifting 4 millions of gallons per day 100 feet high.

3. The building of suitable houses for the protection of the machinery.

4. The laying of a 48″ main to join the new dam, the pumping station, and the existing 32″ Vehar Main, with connections to the Vehar 24″ main, Vehar Filters, and Vehar Lake. The 48″ main must in any case be laid shortly to join Vehar Lake and the Tansa Main, and thus portion will serve both purposes. For the present scheme the expenditure need only have been about Rs. 60,000.

5. The acquisition of the gathering ground of 1,950 acres with the huts, &c., and timber thereon; also of the land on the west of the Vehar-Saki Road required for the connections to the existing pipe lines.

6. The arrangement of the Pumping Station, so that at any time the additional supply in the Vehar Main Valley could be taken; in which case the land also should be acquired. A supplementary estimate is given, amounting to Rs. 23,000 for works.

Approximate estimates.

26. It has not yet been possible to prepare detailed drawings and estimates for each of these proposals; what follows must therefore be taken to be approximate in detail, but sufficiently accurate in the total to guide the Corporation in discussing the project. The details of quantities, &c., so far as ascertained, are appended,* and may be referred to.

The approximate cost is estimated as follows :—

		Rs.
1.	Masonry Dam, complete	97,400
† 2.	Pumping Engines and Boilers	90,000
	Erection of do. do.	22,500
3.	Engine-houses, &c.	50,000
4.	New Mains	1,00,000
		3,59,900
	Contingencies & Establishment, 20 per cent.	71,980
	Total for Works...Rs.	4,31,880

* Not printed.

† The tender is for £4,720; but for the very urgent delivery we require £5,900. The higher figure is provided for.

5.	Land, 1,950 acres	
6.	Dam and subsidiary arrangements in Main Vehar Valley	Rs. 23,000
7.	Land, 550 acres	

Summary of Estimates.

	Rs.
Pawai Valley Works	4,31,880
Vehar Valley Works	23,000
Total...Rs.	4,54,880

Why a Masonry Dam?

27. A masonry dam is selected principally for 3 reasons:—

1. The site and geological formation are more suitable for a masonry than an earthen dam.
2. A masonry dam can, without danger, be left incomplete and yet pass the monsoon floods in safety.
3. An earthen dam would involve the construction in another place of a waste weir. The masonry dam will be its own waste weir, the same as at Tansa.

Why Worthington Pumps selected.

28. As to the pumps, it might have been thought desirable under usual circumstances to obtain by public advertisement designs and tenders from all well-known makers. In this case, however, it has been necessary for me to select the type, and I must therefore state that I believe the Worthington Triple Expansion Engines with Babcock's Boilers, which it is proposed to obtain, are for this case by far the most suitable ; they will be very economical in working ; they are comparatively simple in construction, and very compact. During my recent tour I have visited 38 pumping stations, and have seen several Worthingtons at work, and have had opportunities of discussing their merits with several Engineers.*

Makers in England.

29. They have recently been adopted in several cases in England. The celebrated Engine Builders, Messrs. Simpson & Co., Pimlico, London, have obtained the sole right to make these engines in England.

* I propose, in submitting a Report on Filtration, to append a list of gentlemen to whom I am indebted for many courtesies received.

30. At Sydney, in Australia, I found these pumps being erected for 15 millions of gallons daily, and I extract the following paragraph from the report of Mr. Trevor Jones, the Engineer of the Water Board:—

Adopted for Sydney.

"The type of engines recommended were the Worthington Direct-Acting Duplex Compound Condensing, fitted with compensating cylinders of 150 H. P. to be accompanied with a battery of Babcock & Wilcox Boilers.

"My report was referred to Mr. Darley,* who in an exhaustive memorandum, while agreeing as to the type of both engines and boilers, advised that they should be of larger dimensions and more powerful.

"The Board agreed, on account of the urgent necessity of immediately replacing the old and worn-out plant and to obviate the inconvenience that would be entailed by a breakdown, to order the larger type of engines and boilers direct from the makers through the Agent-General; the same to be inspected and approved by Sir John Fowler, the Government Consulting Engineer in England.

"A letter was afterwards received from the latter gentleman, highly approving of the Board's selection with reference to both engines and boilers.

* * * *

"It is anticipated that, for effectiveness and economy of working and economy of space occupied, they will excel anything of the kind in Australia."

31. This type has also been adopted recently by the Calcutta Corporation, and I here insert for convenience sake a copy of the telegram received by you from the Chairman, Calcutta Corporation, in response to your request for particulars:—

Adopted for Calcutta.

"Worthington engines; only part ordered; not put up. Engineer very satisfied with his inspection in England."

32. This type was also selected by the West Middlesex Water Company for the latest addition to their plant. The engines in this case are for 17 million gallons per day, and have given most satisfactory results. Professor Unwin certified the duty on trials at 106 millions of foot pounds for 112 lbs. of coal used.

Adopted by West Middlesex and other Water Companies.

* Mr. Cecil Darley, M. Inst. C.E., Chief Engineer, Harbours and River, Government of New South Wales.

Mr. W. B. Bryan, M. Inst. C. E., M. I. M. E., Engineer of the East London Water Company, says: "It appeared to him that one of the most perfect engines for pumping direct into the mains was the High Duty Worthington Engine in which the steam used was exactly proportioned to the weight of water to be lifted."*

These engines have also been adopted by the New River Company, the East London Company, and the West Surrey Company.

Largely used in the United States of America.

33. In the United States the installations are "too numerous to mention." Many portions of America are absolutely dependent upon pumping for their supplies, the physical configuration of the country affording no facilities for gravitation works. The Worthington Company have built more than any other single firm.

In the New England States there are 62 Worthingtons against 120 of all other types.†

In the Middle States 133 Worthingtons against 271 of all other types.

In the North Central States 85 against 421, and in the United States alone these engines have a pumping capacity of 871 millions of gallons per day.

The city of Philadelphia is worthy of special notice. The total daily pumping capacity is 183,300,000 gallons, and of that the Worthington pumps furnish 77 millions. In one house at the Spring Gardens Works are 2 pumps, each of 15 millions of gallons capacity.

At Boston, I may also mention, there are two engines used for lifting the storm-water. They are designed to lift 50 millions of gallons daily 43 feet high.

There can, therefore, be no question of the extensive and extending use of this type of engine, and I can confidently recommend it in this case.

Advantages of acquiring gathering ground.

34. The acquisition of the whole of the drainage area will effectually remove the objections of possible pollution from cultivation and dwellings, and no doubt the property will be saleable if at any future time the Corporation may desire to sell it, and in the meantime will continue to yield con-

* Except, Proceedings, Inst. M. E., 1887, page 133.

† These statistics are extracted from "Manual of American Water Works, 1888."

siderable revenue from the sale of grass. I am of opinion, however, that this project has so much in its favour, not only as the one means of preventing, if possible, but certainly of mitigating, a water-famine and helping us along until the arrival of the Tansa water, but also as a permanent auxiliary that I should regard it as a permanent supply and act on that assumption.

Advantages of the scheme.

35. I shall show later on that the cost of the water delivered into the existing mains and through them, either into Bombay direct or into Vehar, will not exceed 1 anna per 1,000 gallons. It will therefore be a cheap supply; it will serve to replenish Vehar whenever required; it can be utilized temporarily to assist Tansa in case of accidents along the line of duct, or it can be utilized as suggested by you for an independent gravitation supply for Kurla and the northern parts of the Island through the existing 24" main in lieu of drawing upon Vehar. Failing all these, I have no doubt the water could be profitably used for irrigation in the valley below the dam.

Advantages of a pumping over a gravitation scheme.

36. This pumping scheme has advantages over any gravitation scheme in that the first cost is very much lower and the second cost—fuel, &c.—will only be incurred when the water is actually required, whereas the interest on capital invested must always be paid whether the water be needed or not.

Can be used partially by gravitation.

37. With reference to the modification proposed by Major Selby, *i.e.*, to supply the existing 24" main from the new Reservoir by gravitation, and so stop the draught on Vehar on account of this main, I have only to observe that it is quite practicable; the head would thereby be reduced by 65 feet and the discharging capacity from 4,594,000 gallons per day to 2,600,000 gallons per day. The water would also be unfiltered. As against these disadvantages I would point out that it could be so arranged, and it would probably be most convenient also, to supply the 24" main in this manner during the monsoon. It is much easier then to maintain pressure in the districts of supply than in the hot season, and the flood water would probably be of good quality. I need not point out that all the calculations are based on the water in the new

Reservoir being at a low level; so long as the Reservoir was full, or approximately full, there would be an increased head of about 10 feet and a correspondingly increased discharging capacity.

Pumps should also be provided in addition to gravitation main.

38. Whilst, therefore, subject to being supplied unfiltered and at a lower pressure, this scheme is capable of being worked as a gravitation system through the existing 24″ main, I still recommend that the pumps be obtained, because—

If used as a gravitation scheme only, the Reservoir would have to be enlarged, and about 50 per cent. of the total quantity of water collected would be lost in evaporation from the water surface. If, however, the water be quickly disposed of by pumping into the 32″ main, the above loss from evaporation would be saved and the cost of pumping is only about $\frac{1}{2}$ of an anna per 1,000 gallons.

In practical working pumping will be avoided as far as possible.

39. In the actual working of the scheme it will, of course, be a point for constant attention how far the expense on coal, &c., can be obviated, but at the present time and for the purposes immediately in view, I have no hesitation in urging that pumps should be obtained for 8 millions of gallons daily. The extra first cost will be recouped by the additional power they will give to utilize the heavier floods.

Effect of this additional supply on the capabilities of Vehar.

40. I think it well to repeat that even this scheme will not insure Vehar being filled in a year of minimum rain-fall, but that it will make Vehar safe over a series of years for the maximum draw-off through the present mains. There is, generally speaking, no object in securing that a storage (reserve) lake shall overflow every year; but in this particular case there is this temporary difficulty, that we may have next year a minimum rain-fall with an already comparatively depleted storage. The position is a decidedly uncomfortable one, and if the worst as to rain-fall should be realized next year, the additional supply proposed to be obtained by this scheme (and which would be in a minimum year about 400 millions of gallons), would, as the saying is, "be worth its weight in gold."

Annual charges.

41. The annual expenses will be approximately as follow :—

	Monthly.	Annum.	Rs.
Interest and Sinking Fund, 6 per cent. on 7 lakhs.			42,000
Repairs and depreciation on Rs. 1,62,500 (machinery and buildings), at 5 per cent.			8,125
Establishment—			
Engineer...	300		
2nd Engineer	100		
8 Firemen, at Rs. 20 ...	160		
		6,720	
Taken at $\frac{2}{3}$: actual service about half the year...			4,480
Stores, 180 days, Rs. 10			1,800
Coal, 5 tons per day, for 180 days, 900 tons, at Rs. 30 per ton delivered			27,000
Miscellaneous and Contingencies...			2,000
			85,405
Deduct for sale of grass, &c....			5,405
Net cost per annum			80,000

The quantity of water to be made available is 1,440 million gallons. The cost per 1,000 gallons will be $\frac{80,000 \times 16}{1,440,000} = \frac{8}{9}$ of an anna, or say 11 pies. Having regard to the proposed utilization of a portion of the water by gravitation and without any expense for pumping, and the fact that, whenever the Reservoir is full, the head to pump against will be reduced about 20 per cent., I believe the estimates are liberal. For convenience, the cost may be taken at 1 anna per 1,000 gallons.

I have the honour to be,

Sir,

Your obedient Servant,

S. TOMLINSON, Assoc. M. Inst. C.E.,
M. Am. W. W. Assn., F. R. Met. Soc.

19*th November*, 1889.

Proposed by the Chairman, seconded by Cowasjee Hormusjee, Esq.—

No. 4903.

"That, in view of providing against an almost certain deficiency in the water supply from Vehar during the hot weather of 1892 and a possible deficiency during the hot weather of 1891, the Corporation be recommended to sanction Mr. Tomlinson's scheme for bunding a water-supply from Pawai into the valley below

the Vehar dams, and of pumping the impounded water into the Vehar Storage Reservoir and the mains leading therefrom, at a cost of Rs. 4,55,000.

"That this estimate is exclusive of cost of land, that the land to be submerged will be about 500 acres, which will have to be immediately acquired, and that the question of acquiring the gathering ground may be considered later on."

Carried nem con.

It was decided that Major H. O. Selby be requested to take charge of the above resolution at the Meeting of the Corporation called for the 25th instant.

The remaining portions of the report were discussed minutely, and shortly before 5 o'clock it was decided to postpone the further consideration to a Special Meeting of the Standing Committee to be held at 3 p.m. on Friday, 22nd instant.

The Commissioner placed on the table the list of Municipal employés as asked for by the Committee on 2nd January last.

BOMBAY, 22*nd November* 1889.

AT the Special Meeting of the Standing Committee held this day, there were present:—

THOMAS BLANEY, Esq., Chairman.

COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZALBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MERESWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the MUNICIPAL SECRETARY.

Read again that portion of the Report of the Special Committee, dated 20th instant, which relates to the Tansa Duct contract.

Proposed by Major H. O. Selby, seconded by Dosabhai Framji, Esq.—

No. 5064.

"That, subject to the representative of the Tansa Duct works intimating the readiness of the contractors to accept such terms, the Corporation be recommended to sanction the following arrangements in connection with the Tansa Duct contract.

"(*a*) That the penalty clause be postponed till 1st March 1892.

"(*b*) That the tunnel bonus be made a bonus on the whole work.

"(*c*) That for the balance of the work remaining to be done, the contractors be paid at the increased rates as per schedule.

"(*d*) That, provided the contractors complete the work by 1st March 1892, and then only, they be paid a further bonus of Rs. 2,40,000.

"(*e*) The original contract to remain intact except for the above modification."

Amendment moved by Colonel Merewether.

"That the contractors be informed that the Municipality will, under the conditions stated below, and as a bonus for completion of the work by a certain date, pay them additional rates on certain items as proposed by Mr. Clerke. The additional rates for the future, *i.e.*, for work done on or after 1st November 1889, to be tentatively paid every quarter, but only if the rate of progress during each quarter has been such as in the opinion of Mr. Clerke, to ensure the satisfactory completion of the entire work by the 1st March 1892. Should the entire work be satisfactorily completed by that date, the additional rates on the same items of work done before the 1st November 1889, will then be paid, and the date from which the penalty is to commence will be put forward to 1st March 1892. Should the entire work not be satisfactorily completed by the 1st March 1892, payment of additional rates for the future will not be made, recovery of the higher rates already paid will be made from the deposit, and the date from which the penalty is to begin will stand, as at present, at 1st January 1891."

After discussion Colonel Merewether *withdrew* the *amendment.*

Amendment moved by Cowasjee Hormusjee, Esq., seconded by Fazulbhoy Visram, Esq.—

"That the Corporation be recommended to allow the contract with Messrs. Walsh, Lovett and Mitchell to be modified to the extent of the contractors being allowed a bonus of Rs. 2,50,000, on condition that the duct works are satisfactorily completed by 1st March 1892.

"That the penalty clauses be not enforced in the meantime."

On the proposal of Colonel Merewether it was agreed that the names of the Councillors voting for and against the original motion be *recorded.*

The votes, as thus taken, were as follows :—

	For	*Against.*	
Amendment...	4	7	*Lost.*
Motion	7	4	*Carried.*

G. MEREWETHER.	COWASJEE HORMUSJEE.
THOMAS BLANEY.	FAZULBHOY VISRAM.
MUNCHERJEE N. BANAJEE.	JAVERILAL U. YAJNIK.
MULJI B. BARBHAYA.	KAIKHUSRO N. KABRAJI.
K. M. SHROFF.	
DOSABHAI FRAMJI.	
H. O. SELBY.	

Resolved : " That, subject to the sanction of the Corporation being given to the carrying out of the Pawai Water Works scheme, sanction be now given (1) to the Commissioner's applying to Government for the taking up, under the Land Acquisition Act, of the ground required for the reservoir and works ; (2) to a contract being entered into with Messrs. Simpson & Co., of Pimlico, London, for the supply of pumping engines and boilers for Pawai lake at Rs. 1,00,000, or thereabout."

No. 5065.

The Commissioner informed the Committee that Mr. Baldwin Latham is willing to come to Bombay to enquire into and advise on the drainage question for 2 months for 2,000 guineas *plus* travelling and personal expenses. He (the Commissioner) is in communication with the Chairman of the Calcutta Municipality, with a view to ascertaining whether in the event of Mr. Latham's services being required in Calcutta, some arrangement can be come to for sharing with that Municipality the cost of his services.

No. 5066.

The Committee gave sanction to a proceeding in connection with the Tansa Duct Works, which was ordered to be filed on the file of confidential paper No. 280 of 1885-86, kept by the Secretary.

BOMBAY, 27*th November* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJEE, Esq., C.S.I.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq. E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the EXECUTIVE ENGINEER, Tansa Water Works ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the MUNICIPAL SECRETARY.

The minutes of the Meetings held on the 13th and 20th instant, were signed. The signing of the minutes of the Special Meeting held on the 22nd idem, was postponed.

A letter was received from Fazulbhoy Visram, Esq., apologizing for non-attendance on account of having to serve on the Special Jury of the Sessions.

On the question of the signing of the contract with Messrs. Venku Balu and Ramaya Venkaya for the construction of the new Municipal Office buildings, Cowasjee Hormusjee, Esq., proposed—

"That a Sub-Committee, consisting of the Chairman, Major H. O. Selby and Mulji Bhawanidas Barbhaya, Esq., be appointed to examine into and report on the terms of the contract."

Not seconded.

A letter, dated 26th instant, from Mr. Dinsha Edulji Wacha, on the subject of contracts for the Pawai water scheme was read, and it was agreed that the same be filed.

No. 5154. The seal of the Corporation was affixed to deed of contract with Messrs. Venku Balu and Ramaya Venkaya for the construction of the new Municipal Office buildings.

Sanction was given to the amending of the Resolution of the Committee, No. 4660, dated 30th October 1889, by inserting therein the names of Messrs. Venku Balu and Ramaya Venkaya, in place of the name of Mr. Venku Balu.

No. 5155. *Resolved*: "That sanction be given to the temporary deposit with the Bank of Bombay of the proceeds of the 25 lakhs of rupees of the Tansa loan raised between the 21st October last and 15th instant, on the same terms as those sanctioned in the late Town Council Resolution No. 543, dated 21st July 1886."

The Commissioner read correspondence between himself, Major H. Tulloch, R.E., and Mr. Baldwin Latham, the eminent English drainage engineer, on the subject of the services of the last mentioned gentleman being temporarily obtained to advise on the drainage of Bombay.

Proposed by the Chairman, seconded by Colonel G. L. C. Merewether—

No. 5156. "That sanction be given to the engagement of Mr. Baldwin Latham during the two months of January and February next, to advise and report on the

question of the drainage of Bombay generally, as per the Resolution of the Corporation, No. 4745, of 31st October 1889.

"That the Corporation be recommended to sanction the grant from Surplus Cash Balance of the equivalent of 2,000 guineas *plus* the amount of travelling and other expenses payable to Mr. Latham."

Carried unanimously.

The consideration of the following was further postponed till next week :—

(1) Application from the Commissioner for approval to an order in writing being issued to Mr. Bhawoo Ramchandra, authorizing him to carry a drain from his house in Girgam Back Road into, through or under the land belonging to Mr. Sitaram Dhakji Waslekar. Letter from Mr. S. D. Waslekar, objecting to pay the cost of carrying such drain from the gully of his neighbour.

(2) Resolution of the Corporation, No. 4664, dated 30th October last, regarding the cost of making a new road from Love Lane through Rose Cottage Lane to Matharpakadi.

Considered letter, No. 13947, dated 22nd instant, from the Commissioner, to the Secretary, forwarding letter No. 164, dated 18th idem, from Mr. Stevens, as under, and stating that Mr. Stevens does not think it fair that another engineer should be appointed to do the works referred to by him, and it is usual and distinctly desirable in his opinion that the same architect should do the whole work. It is important that this question should be decided now, because it is necessary to put up and lay pipes with the work as it goes on :—

SIR,—I have the honour to request that you will be good enough to inform me whether the Corporation are desirous that I should prepare plans and estimates of the following extra works in connection with the completion of the new Municipal buildings, at the fees agreed upon by the Corporation for other previous works :—

(1) Fire service with fittings, (2) water-supply ditto, (3) general drainage ditto, (4) surface drainage, (5) hydraulic lift with supply tank, &c., (6) lighting (if considered necessary), (7) compound railings and gates and laying out ground, (8) furniture.—I have, &c., FREDERICK W. STEVENS.

"*Resolved* : That the Corporation be recommended to employ Mr. F. W. Stevens to frame an estimate of the cost of (1) fire service with fittings, (2)

No. 5157.

water supply ditto, (3) general drainage ditto, (4) surface drainage, (5) hydraulic lift with supply tank, &c., (6) lighting (if considered necessary), (7) compound railings and gates and laying out ground, (8) furniture for the new Municipal Office buildings."

No. 5158. *Resolved*: That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 14127, dated this day.

No. 5159. *Resolved*: "That letter from the Deputy Executive Engineer, Water Works, No. 4388 W, dated 12th instant, regarding the fire in Apollo Street on 11th idem, and the stores and appliances which he recommends should be purchased for the Fire Brigade, be considered in connection with the Budget Estimates for 1890-91, the articles in question most urgently required, having already been indented for."

With reference to a memorandum from Mr. S. Tomlinson, Deputy Executive Engineer in charge Water Works, on the Kenery and Ewur water schemes, the Commissioner stated that he will formally forward the same to the Secretary.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 24th November 1889.*

The following return was read and *recorded* :—

Return of fires at Matharpakadi, Arthur Road, Tardeo, and Victoria Dock, (s.s. "Imperator") forwarded with the Commissioner's memoranda Nos. 13790 and 14048, dated respectively 19th and 26th November 1889.†

The consideration of the schedule of establishments prepared by the Commissioner in accordance with Section 79 of the Act, was postponed till next week, and the Chairman fixed Thursday, the 5th proximo, at 3 P.M., for the consideration thereof and of the Budget Estimates for the year 1890-91.

---

* *See* Appendix **B**. † *See* Appendix **D**.

No. 5161. The consideration of the following was postponed till the Budget for 1890-91 is considered by the Committee:—List of Municipal employés asked for by the Committee on 2nd January last.

No. 5162. *Resolved* : That, as applied for by the Commissioner in his memorandum No. 14077, dated 26th instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structure built without permission:—

Name of Owner.	Where.
Mr. Gopal Hirji... ...	...Building at No. 18, Kalachauki Road.

No. 5163. In reply to a question from the Commissioner, the Standing Committee expressed the opinion that the foundation or corner stone of the new Municipal Offices laid by Lord Ripon, be placed on site near the entrance to the Hall and shown at *x* on a plan, prepared by Mr. F. W. Stevens and now laid on the table by the Commissioner.

No. 5164. The Commissioner informed the Committee that the amount awarded to date by the Collector of Bombay as compensation on account of certain properties acquired for the extension of the Bhuleshwar Market and the improvement of the road thereat is Rs. 2,22,625-9-1, which, under Section 91 (2) of the Municipal Act, he has to pay to the Collector of Bombay at once.

No. 5165. *Resolved* : "That subject to the acceptance by Messrs. Walsh, Lovett, Mitchell & Co., the contractors for the Tansa Duct Works, of the terms formulated by the Solicitors to the Municipality in accordance with the Resolution of the Standing Committee, No. 5064, dated 22nd instant, the Corporation be now recommended (1) to authorize the Commissioner to advance Rs. 1,20,000 to the Contractors upon the security of their entire plant, the security to be approved by the Solicitors ; (2) that payment of the enhanced rates be made monthly subject to the rate of progress being approved by the Executive Engineer, Tansa Works.

On a division the motion was *carried* by 8 votes *against* 1.

BOMBAY, *4th December* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE DORMUSJEE, Esq., G.G.M.C. ; DOSABHAI FRAMJI, Esq., C.S.I. ; FAZALBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the SECRETARY.

The minutes of the Special Meeting held on the 22nd ultimo, and of the Regular Meeting of the 27th idem, were signed.

No. 5262. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 14401, dated 3rd instant, sanction be given, under section 351 (2) of the Municipal Act to the removal of the following structure built without permission :—

Name of Owner.		Where.
Mr. Alibhai Mothabhai	...	Building at old Race Course."

No. 5263. *Resolved* : "That, under the circumstances mentioned in the Acting Executive Engineer's letter No. 14529B, dated 28th November 1889, and, as applied for by the Commissioner in his memorandum No. 14260, dated 29th idem, the Standing Committee assent to the Commissioner's disapproving, under the terms of section 348 (*b*) of the Municipal Act, of the erection of a building by Messrs. Hormusji, Assur & Co., Agents, Jamshed Mills, at Fergusson Road, (on a site shown in yellow colour on the tracing marked 5B accompanying the Acting Executive Engineer's above letter), as the position and direction of the streets likely to be required in the future in the said locality, have not yet been laid down or determined."

Considered again application from the Commissioner for approval to an order in writing being issued to Mr. Bhawoo Ramchandra, authorizing him to carry a drain from his house in Girgam Back Road, through the land belonging to Mr. Sitaram Dhakji Waslekar.

Considered also letter from Mr. S. D. Waslekar, objecting to pay the cost of carrying such drain from the gully of his neighbour.

Proposed by Colonel G. L. C. Merewether, seconded by Cowasjee Hormasjee, Esq.—

"That, as applied for by the Commissioner in his memo-
No. 5264. randum No. 13011, dated 4th November last, the Standing Committee hereby approve of his issuing an order in writing, under the terms of section 230 of the Municipal Act, authorising Mr. Bhawoo Ramchandra to carry a drain from his house in Girgam Back Road into, through or under the land belonging to Mr. Sitaram Dhakji Waslekar to the Municipal drain in that thoroughfare. Provided, however, that each party pays a moiety of the cost of the new connection."

Amendment, moved by Dosabhai Framji, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That the Standing Committee authorise the Commissioner to carry the drain direct from the house of Mr. Bhawoo Ramchandra to the main drain in Girgam Back Road, provided Mr. Sitaram Dhakji Waslekar and Mr. Bhawoo Ramchandra each pays a moiety of the cost of the connection.

"That, in the event of the parties not agreeing to carry out the work, the Commissioner be requested to report the fact to the Standing Committee."

On the original motion and the amendment being put to the vote, the votes were *recorded* as under :—

	For	*against.*	
Amendment	3	6	Lost.
Original motion	7	3	Carried.

Resolved : "That, as applied for by the Commissioner
No. 5265. in his letter No. 14448, dated 3rd instant, sanction be given, under section 305 of the Municipal Act, to the service of notices on the owners of the several premises fronting or adjoining or abutting on the private street called "New Charniwadi Lane" requiring them to level, metal or pave, drain and light the said street as the Commissioner shall direct.

"That, in respect of the underground drainage, the Commissioner be asked to proceed under sections 231 and 260 of the Act."

Read letter No. 14470, dated this day, to the Secretary, as under :—

Sir,—On the 13th March the Corporation sanctioned Mr. Stevens' approximate estimate amounting to Rs. 9,76,350 for the new Municipal Office Buildings according to the design then submitted, but at the

same time approved of the architect's recommendation that the porch on the Cruikshank Road should be projected and that the length of the wing on that side should be extended so as to be equal to the other, if the additional land could be obtained from Government to allow of these two modifications being carried out.

2. This additional land has since been obtained and in submitting his *detailed estimates* (copy attached) the architect has included in them provision for the two extensions as above approved.

3. These additions at the rate of the previous approximate estimate, represent a cost of Rs. 43,575, but Mr. Stevens points out that, by reducing in some respects the class of work and material, the excess, as compared with the previous approximate estimate, can be brought down to Rs. 3,981. This reduction would involve the substitution, amongst other things, of asphalte for encaustic tiles for the floors of the offices. He does not recommend this reduction, neither do I, especially having regard to the fact, as already reported to the Standing Committee, that the accepted tenders bring the difference down to less than Rs, 10,000, instead of Rs. 43,575, that is, with the same finish previously contemplated, and with the two extensions aggregating 116,200 more cubic feet, the whole building will according to present information cost only Rs. 9,659 more than the amount of the first approximate estimate.

4. The cost with and without the finish originally designed will stand respectively as follows :—

	With complete finish.	With reductions in class of work, materials,&c.	Remarks.
	Rs.	Rs.	
Foundations	36,246	36,246	Work already complete and paid for.
Superstructure	9,01,101	8,61,507	Tenders accepted and work in progress.
Contingencies	48,662	46,682	At 5 per cent. on the detailed Estimates.
Total ...	9,86,009	9,44,435	

5. When, with the approval of the Standing Committee, the contract for the superstructure was entered into, there seemed to be a unanimous opinion that the class of work, &c., should be as originally intended, and this probably will be the view of the Corporation, but this point at the stage which the work has now reached must be definitely determined, and, looking to the precise terms of the Resolution of the Corporation I think the Standing Committee should recommend the Corporation to extend their sanction accordingly.

6. When this question has been settled, and when the Corporation have disposed of the recommendation made by the Standing Committee on the 27th ultimo, I shall shortly be in a position to give to the Standing Committee the information asked for in their Resolution No. 1642, dated 26th June 1889.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Resolved :. "That copy of the Commissioner's letter No. 14470, dated this day, be forwarded to the Corporation.

No. 5266.

"That the Corporation be recommended to sanction a further expenditure of Rs. 9,659 out of Surplus Cash Balance to provide for the cost of the extension to the new Municipal Office buildings, as approved by para. 3 of the Resolution of the Corporation No. 7130, dated 13th March 1889."

Read letter No. 4892W., dated this day, to the Commissioner, as follows :—

SIR,—I have the honour to submit the First Progress Report on the Pawai Works.

An auxiliary emergency supplied by the aid of pumping was first mentioned to you on the 28th October. Preliminary surveys were immediately put in hand. The project was brought before the Standing Committee as a suggestion on the 13th November and referred to a Sub-Committee which approved of the scheme being immediately carried out. Their report was adopted by the Standing Committee on the 20th November and was sanctioned on the 25th November by the Corporation. Government was immediately communicated with on the subject of acquisition of the land required ; tenders for the construction of Dam were invited on the 26th November and the cable tender of Messrs. Simpson & Co. for two Worthington Triple Expansion Engines, each to lift 4,000,000 gallons in 24 hours against a total water pressure of 100 feet with two Babcock's boilers—steam pressure 100 lbs.—was accepted by cable. The price, including all piping in houses, freight and insurance, to be £5,900 for delivery in Bombay in five months. The firm replied acknowledging receipt and confirming acceptance of order. Tenders for the Dam are to be received on the 4th December. The estimates sanctioned are:—1 Masonry Dam complete, Rs. 97,400 ; 2 Pumping engines and boilers, Rs. 90,000, and Erection of do. do., Rs. 22,500 ; 3 Engine-houses, &c., Rs. 50,000 ; 4 New Mains, Rs. 1,00,000 ; total Rs. 3,59,900 : Contingencies and establishment, 20 per cent. Rs. 71,980, total Rs. 4,31,880 : Dam and subsidiary arrangement in main Vehar Valley, Rs. 23,000 ; total Rs. 4,54,880 or say Rs. 4,55,000.—I have, &c., S. TOMLINSON, ASSOC. M.I.C.E., Deputy Executive Engineer in charge Water Works.

Memorandum No. 14529, dated this day :—

Forwarded to the Municipal Secretary. Tender for the construction of the dam has with the approval of the Standing Committee been accepted to-day at rates aggregating approximately Rs. 66,000; and a Government notification has been issued sanctioning the acquisition of the land.—E. C. K. OLLIVANT, Commissioner.

Read letter No. 14475, dated this day, from the Commissioner to the Secretary, as follows :—

SIR,—I have the honour to state that, subject to the approval of the Standing Committee, I propose to accept the tender of Messrs. Hirji

and Raoji for the construction of the Pawai Dam at rates as per schedule amounting approximately to Rs. 66,308, as compared with the Engineer's estimate Rs. 81,420. There were six tenders in all, and of the contractors whose rates are about the same as those which I propose to accept, I consider that Messrs. Hirji and Raoji have the greatest experience of similar work in this locality.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved : "That sanction be given to the acceptance by the Commissioner of the tender of Messrs. Hirji and Raoji for the excavations and masonry work of the Dam at Pawai at schedule rates, aggregating Rs. 66,308, or thereabout."

No. 5267.

Read the following letter No. 4854, dated 2nd instant, from the Deputy Executive Engineer Water Works, to the Commissioner:—

SIR,—I have the honour to address you further on the *Pawai Works*. Considering the execution of these works, as sanctioned by the Corporation, to be a settled matter, there yet remains for consideration the acquisition of the gathering ground.

Now I think the Corporation would not approve of the acquisition of the whole gathering ground if it were decided that the Pawai water was to be used only for 2 or 3 years until the Tansa supply arrives; and if that decision were come to, I also should not recommend the acquisition of the whole area.

This leads naturally to the question: "Are we to assume that Vehar will be drawn upon as at present after the Tansa supply arrives and, if so, shall we make up its established deficiency by taking as much as is required from the Tansa Duct, or shall we have an auxiliary to Vehar independent of Tansa, which will yield the required quantity of Water?"

If the latter plan were approved, the question would immediately arise whence and how shall the increased supply be obtained. I believe that only 3 schemes can be suggested :—

Pawai, which will be ready at hand.
Kenari, which will cost 14 lakhs of Rupees, and
Ewur, which would cost initially without high dams and without a duct of its own 8 lakhs at least.

The Pawai scheme has been *adopted* by almost everyone, but I cannot flatter myself by saying that it has been *approved* by anyone. There are, so far as I know, two grounds for the opposition to it—the fear of pollution and the nuisance and cost of pumping.

I have no misgivings as to the quality of the water if the gathering ground be acquired by the Corporation.

With reference to permanent pumping, there has been, in the intense interest centered on the matter as a temporary measure, an important point overlooked and it is this: *after* the arrival of the Tansa water both the Malabar Hill and Bhandarwada Reservoirs can be supplied with Tansa water. In that case the 32" Vehar main would

be at liberty to supply the city direct, and the whole of the water from the Pawai Reservoir could be supplied into the city without pumping at all.

What then would become of the pumps? As stated in the former report no credit was taken for the 290 millions of gallons per annum, which could be obtained from the main Vehar Valley, including the leakage from Dam No. 1. Nor has there as yet been mentioned the adjoining area on the west, and through which the Tulsi pipe runs, which by a catchwater channel or by a dam would make the drainage of about 1,000 acres available. There is, therefore, at hand for this project 1,700 acres in the Pawai Valley proper, which would supply 1,440 millions* per annum if required by gravitation: and 1,450 acres which would yield, by pumping 1,220 millions† of gallons per annum in an average year. The total area at hand is 3,150 acres, and the quantity of water in an average year 2,660 million gallons, or 7⅓ millions of gallons per day. As the established deficiency of Vehar is only 1,000 million‡ gallons in an average year, there is here an ample auxiliary without pumping for an average year and with pumping in a bad year.

* 4 millions of gallons per day (or its equivalent if taken in a shorter time at a greater daily quantity).

† 3⅓ millions of gallons per day (or its equivalent if taken in a shorter time at a greater daily quantity).

‡ About 3 millions of gallons per day.

		Acres.
The area of Vehar gathering ground and Lake is	... ...	3,900
Do. Tulsi do. do.	... ...	2,000
Do. remaining portion of Kenari Valley	... ...	1,550
Do. Ewur gathering ground and Lake is	... ...	2,720
Do. Pawai do. do.	... ...	3,150

It seems to me, therefore, that the advantages are decidedly on the side of Pawai as a permanent scheme, especially as the greater part of the expense on works must now be incurred, whereas both Kenari and Ewur must be taken up *de novo* and in addition to the money expended on Pawai.

I think it is very desirable the question should be settled as speedily as possible, and if the Standing Committee still desire the Kenari and Ewur projects to be investigated, I think the surveys should be ordered at once. I think Rs. 3,500 would suffice.

Whilst writing on this subject, I would take the opportunity of urging that the 48″ connecting main between the Vehar Lake and Tansa Main and the Tansa Main into Bombay from Ghatkoper (which must in any case be laid within a year or two) be put in hand as early as possible. If completed, this main would enable us to augment the supply to the city in the happy event of the monsoon of 1890 or of 1891, again placing Vehar in a favourable position. As we have tried to prepare for a famine, I think it is very appropriate that we should also be prepared for a feast, especially when it may be partaken of without extra payment.—I have, &c., S. TOMLINSON, C.E., Executive Engineer in charge Water Works.

No. 14389 of 1889-90, dated 3rd idem.

Forwarded for the information of the Standing Committee.

From the first it seemed to me that the gravitation capabilities of the Pawai scheme as distinct from pumping were a great point in its favour.

Mr. Clerke will be asked to arrange as soon as possible for laying the connecting 48" main between the Vehar outlet and the Tansa line.—E. C. K. OLLIVANT, Commissioner.

Proposed by the Chairman, seconded by Javerilal Umiashankar Yajnik, Esq.—

"That memorandum from the Commissioner No. 14389, dated 3rd instant, and report by Mr. Tomlinson, No. 4854, dated 2nd idem, on the Pawai works be printed on the proceedings of this meeting, and brought on for further consideration after the Budget Estimates have been disposed of."

No. 5268.

Carried.

Resolved : "That, as applied for by the Commissioner in his memorandum No. 14390, dated 3rd instant, sanction be given to the transfer of Rs. 193-6-0 from savings in Section X., Halalkhor Branch, A, Superintendence, Health Department Budget, to Section X., Halalkhor Branch, G, Rent, to meet the amount of rent of a plot of ground taken over from the Port Trust at Mody Bay for a night-soil depôt."

No. 5269.

Resolved : "That, as recommended by the Commissioner in his memorandum No. 14402, dated 3rd instant, sanction be given under Rule VI., clause (c), of the Pension Fund Rules, Section C, Chapter I., of the Municipal By-laws, to the payment of pension of Rs. 59-3-2 per mensem, from 22nd October 1889, to Mr. Nana Balaji, late Inspector of Roads and Buildings, Executive Engineer's Department.

No. 5270.

"That sanction be also given to the payment to Mr. Nana Balaji of his salary from the 27th September to 21st October last, both inclusive, as he was not relieved of his duties (after furnishing medical certificate) until the morning of the 22nd October last."

Resolved : "That, as applied for by the Commissioner in his memorandum No. 14317, dated 30th ultimo, sanction be given, under sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Bomanjee Edaljee Sonavala for the recovery of Rs. 448-5-9 on account of property

No. 5271.

taxes from 1st October 1888 to 31st March 1890, in respect of properties Ward Nos. 212, 52 & 4712, Street No. 106, Colaba Road, and Ward No. 1829, Street No. 1, Khetwadi Main Road."

The consideration of the Resolution of the Corporation, No. 4664, dated 30th October last, regarding the cost of constructing a new road from Love Lane through Rose Cottage Lane to Matharpakadi was postponed.

Resolved : "That, in reply to his letter, dated 27th ultimo, regarding the title deeds of a property in Kamathipura 12th Street, Mr. Sivu Sayana be informed that his letter has been forwarded to the Commissioner for disposal."

No. 5272.

Resolved: "That, in reply to his letter, dated 2nd instant, regarding the transfer of a property at old Nagpada Street, Mr. Ibrahim Valibhai be informed that the Standing Committee have nothing to add to memorandum No. 4919, dated 22nd ultimo, which he received from the Municipal Secretary."

No. 5273.

Resolved : " That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 14473, dated this day."

No. 5274.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 1st December 1889.*

The following return was read and *recorded* :—

Return of fires at Mahim Bazar, Coliwada, Sion, Cotton Green, near Arthur Bandar and H. M.'s Dockyard, forwarded with the Commissioner's memorandum No. 14398, dated 3rd December 1889.†

The consideration of the Schedule of Establishments prepared by the Commissioner in accordance with section 79 of the Municipal Act was proceeded with.

No. 5276.

Read the following note by the Commissioner on the Schedule :—

" The wording of Sec. 79 of the New Municipal Act requires that I should enter in the Schedule the whole of the permanent Municipal establishment paid out of the Municipal fund and subordinate to the Commissioner. The Schedule does not include the salaries of the Commissioner, the Exe-

* *See* Appendix B. † *See* Appendix D.

cutive Engineer, the Health Officer, the Municipal Secretary and his staff, as all these salaries are regulated by other sections of the Act. The Schedule does not take cognizance of "persons," and therefore any personal allowances which may be payable now or hereafter are a matter for consideration in connection with the Budget and not in connection with the Schedule. Similarly, the Budget will take cognizance of reductions in expenditure consequent upon present incumbents not intended to receive the full standard salary provided in the Schedule. Lastly, it must be observed that the labour staff and the Workshop staff permanently engaged, *i.e.* the *minimum* staff required at all seasons of the year for any department, have to be entered in the Schedule, whereas hitherto no provision has been made for such services in the establishment sections of the estimates, the cost having been included in repairs and other grants in the various departmental Budgets. In the following remarks the schedule establishment is compared with the existing establishment, whether the latter be at present debitable to establishment sections or to other sections in the annual Budget. In the next Budget a corresponding rectification will be made."

At the suggestion of Mr. Javerilal Umiashanker Yajnik, the Commissioner undertook to have shown, in time for to-morrow's meeting, in red ink the increases in the Schedule over the existing establishments.

Commissioner's personal Office Establishment, Statement No. 1.—The Commissioner states :—

Assistant to the Commissioner.

"It is absolutely necessary that the Commissioner should have some personal relief in the discharge of the current duties of his office if he is to give that attention, which he must give, to matters of chief and pressing importance. Increased work in connection with Assessment questions will devolve on the Assistant, when the Special Officer gives the whole of his time, as he should do and as is proposed under the new scheme, to Revenue Audit and Refund duties. The Municipal Secretary having asked to be relieved of the duty of supervising the printing and the stationery, it is proposed to transfer this work also to this appointment. It is accordingly proposed to increase the pay of the appointment to Rs. 500 per mensem.

Departmental Clerks.

"Instead of there being as at present a minimum of Rs. 75 and a maximum of Rs. 100 to the pay of each of these 3 appointments, it is proposed to grade them as follows :—1 on Rs. 75, 1 on Rs. 100 and 1 on Rs. 125.

"Owing to the great increase in the work of the office, as is shown below in the return of correspondence received and despatched, and in order that efficiency may be maintained, and especially that the records may be methodically kept, which is at present almost impossible, it is proposed to strengthen the establishment by the addition of these two appointments.

Asst. Record Clerk, Rs. 30.
Despatch Clerk, Rs. 20.

Return of Correspondence Received and Despatched.

Year.	Nos. received.	Nos. despatched.	
1884-85	14,572	14,180	
1885-86	16,964	17,359	
1886-87	16,928	17,324	
1887-88	19,282	19,640	
1888-89	23,213	22,730	
1889-90	*11,267	*11,136	* For 6 months only, April to September.

"The decrease of 3 peons on Rs. 10 each, and the increase of 3 on Rs. 8 each, is owing to my having instituted in all departments of the Municipality the following grades for this class of servants, *viz.*:—Rs. 6, Rs. 8 and Rs. 10.

Peons.

"The decrease of 1 peon on Rs. 6 is owing to his proposed transfer to the Revenue and Refund Audit Establishment.

"The strength and cost of the establishment entered in the Schedule, as compared with the present establishment, is as follows:—

	No. of persons.	Cost per annum. Rs.
As per Schedule...	25	17,052
Present Establishment	24	14,421
Net increase ...	1	2,631"

On the motion of Cowasjee Hormusjee, Esq., seconded by Javerilal Umiashankar Yajnik, Esq., it was—

Resolved: "That sanction be given to Statement No. 1 (Commissioner's Personal Establishment) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the

pay of the appointment of Assistant to the Commissioner being fixed at the maximum of Rs. 500 per mensem:—

Designation.	No. of Persons.	Monthly Rate of Pay.	Monthly Rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.	Remarks.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.	
Superior Staff.										
* Assistant to the Commissioner and Supdt. of Printing and Stationery	1	500	...	500	6,000	...	2,400	...	...	* In the event of a Deputy Commissioner being sanctioned, this appointment to be abolished.
Office Establishment.										
Head Clerk	1	200	...	200		...	...	...	(1) 240	
Departmental Clerks—										These appointments are graded at Rs. 75, 100, and 125, respectively.
1. Engineer's Department ...	1									
2. Health do. ...	1	300	...	300		...	(2) 15	...	...	
3. Revenue do. ...	1									
Record Clerk	1	70	...	70		...	...	...	...	
Assistant Record Clerk... ...	1	40	...	40		...	...	...	...	
Do. do.	1	30	...	30		1	360	...	...	
Registering Clerk	1	35	...	35		...	...	...	...	
Do.	1	30	...	30		...	...	...	...	
Copying Clerk	1	50	...	50		...	...	...	...	
Copying Clerks @ Rs. 25 each...	2	50	...	50		...	...	...	...	
Despatch Clerk	1	20	...	20		1	240	...	...	
	13	825	...	825	9,900	...	...	...	...	
Peons.										
Havildar	1	14	...	14		...	...	...	...	
Peons @ Rs. 10 each	4	40	...	40		...	...	...	(3) 72	
Do. do. 8 „	3	24	...	24		...	...	...	...	
Do. do. 6 „	3	18	...	18		...	...	1	(4) 72	
	11	96	...	96	1,152	2	3,015	1	384	
Total...	25	1,421	...	1,421	17,052	1	384	...	...	
					Net Increase ...	1	2,631	...	...	

Colonel Merewether gave notice that, when the Budget Estimates are considered in detail, he will move that provision be made for the pay of a Deputy Commissioner.

General Office Establishment, Statement No. 2.—("No change has been made either in the strength or pay of this Establishment.")

(1) Personal allowance transferred to Budget.

(2) Maximum Salary not entered in cost of present establishment.

(3) Consequent on grading of Peons.

(4) Tranferred to Revenue and Refund Audit Establishment.

On the motion of the Chairman, seconded by Mulji B. Barbhaya, Esq., it was—

Resolved : "That sanction be given to Statement No. 2 (General Office Establishment) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows :—

Designation.	No. of persons.	Monthly rate of		Total Monthly Amount.	Total per Annum.	Remarks.
		Pay.	Conveyance Allowance.			
		Rs.	Rs.	Rs.	Rs.	
Printing and Stationery Clerk...	1	70	...	70		
Peons for Night duty at the Municipal Office @ Rs. 10 each	2	20	...	20		
Peon for Day duty at Municipal Office ...	1	10	...	10		
Hamals @ Rs. 10 each	2	20	...	20		
Attendant for supplying water to Brahmins.	1	9	...	9		
Do. do. do to Parsis ...	1	5	...	5		
TOTAL ...	8	134	...	134	1,608	

Statement No. 3 was discussed at some length, but the further consideration thereof was postponed until the Special Meeting to-morrow.

The question of engaging the services of Mr. Baldwin Latham, as per the terms of Resolution of the Corporation No. 4745, dated 31st October last, was then considered, and it was decided to postpone this question also until to-morrow.

BOMBAY, 5*th December* 1889.

AT the Special Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; FAZULBOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Drainage Works; the CHIEF ACCOUNTANT; and the SECRETARY.

The signing of the minutes of the Meeting held on the 4th instant, was postponed.

Proposed by Colonel Merewether, seconded by Mulji B. Barbhaya, Esq.—

"That, in the opinion of the Standing Committee, the sanction given by the Corporation in their Resolution No. 4745, of the 31st October last, authorises the Commissioner to engage the services of Mr. Baldwin Latham. That the Commissioner be therefore recommended to act accordingly."

No. 5299.

Carried nem. con.

The consideration of the schedule of appointments was proceded with and the following was read :—

Accounts and Expenditure, Audit Establishment.

"The Chief Accountant having pointed out in his reports for 1887-88 and previous years the steadily increasing work of his Department, in consequence of the growth of Municipal work in all Departments of the Municipality, Mr. Charles, the Acting Commissioner, had provided for an increase in the Account Establishment for the current year's Budget.

"The Standing Committee, however, while submitting the Budget to the Corporation, state at page v. as under :—

'Increases to establishment, aggregating Rs. 4,200 per annum, 'were provided for by the Acting Municipal Commissioner, as 'the rapid growth of both revenue and expenditure prevents 'the present establishment from keeping pace with the work, 'though they remain in office long beyond the regular hours and 'are denied holidays and leave.

'The Standing Committee have not included the provision 'in this Budget pending the final consideration of the schedule 'of establishments which has to be prepared by the Commissioner 'under section 79 (1) of the Act.'

"The Chief Accountant has again urged the necessity of strengthening his staff in his report for the past year, from which I quote the following figures to give some idea of the increase of business :—

	Cash received and paid and adjustments.	Payments through Paymaster.	Town Duty Certificates.	No. of Receipt and Disbursement vouchers.	Inward and outward letters.
	Rs.	Rs.			
1872.....	121 lakhs.	8 lakhs.	3,000	10,500	*a* 3,500
1878.....	171 „	10 „	13,000	24,000	*b* 13,000
1888-89 ...	503 „	13¾ „	28,300	49,500	*c* 16,500

a Exclusive of 10,500 vouchers.
b Do. 24,000 „
c Exclusive of 23,000 remittance reports and 50,000 vouchers which all have to be registered and numbered.

"In consequence of this heavy increase and the re-arrangement of duties, I have thought it right to transfer a portion of the establishment, and to increase the salaries in some cases and strengthen the establishment as detailed below.

"The present strength of the establishment is 49 members at a monthly cost of Rs. 4,355 or Rs. 52,260 per annum. Of these 2 members (Rs. 140 per month) are exclusively employed in connection with Loan Works, and therefore have not been included in this schedule. Of the Permanent Staff, 2 members (Rs. 120 per month) are transferred to Town Duty Refund Branch, and 3 members (Rs. 100 per month) to the Engineer's schedule; excluding these 7 appointments which cost Rs. 360 per month or Rs. 4,320 per annum, there remain 42 members at a cost of Rs. 47,940. I have added 11 members—4 in the Cash and Account Branch (1 Junior Book-keeper on Rs. 35, 1 Voucher Clerk on Rs. 25, 2 Receiving Clerks, 1 on Rs. 35 and another on Rs. 30, for the collection of fees of the Engineer's and Health Department, hitherto levied direct by the Heads of these 2 Departments); 3 in the Audit (on Rs. 30, Rs. 25 and Rs. 20); 1 in the Correspondence on Rs. 25, and 3 peons at Rs. 8 per month, each at a total monthly cost of Rs. 249. I have increased the salaries attached to the posts of Cashier (whose security has been enhanced from Rs. 20,000 to Rs. 30,000, and who will have to be personally responsible for the entire Cash Branch) and the Inspector of Stores (who will have to supervise all the three stores, *viz.* at the Workshops, Bellasis Road, and Chinchpoogly, the supervision of which has hitherto been very unsatisfactory). The salaries of the Senior and Junior Audit Clerks, and Book-keepers, &c., have also been increased in proportion to their relative responsible and increased work. These increases amount to Rs. 285 per month.

"Thus, the total increase in this branch aggregates Rs. 534 per month or Rs. 6,408 per annum.

"The strength and cost of the establishment entered in the schedule, as compared with the present establishment, is as follows:—

	No. of persons.	Cost per annum.
As per Schedule	... 53	Rs. 54,348
Present Establishment... ...	... 49	„ 52,260
Increase	... 4	Rs. 2,088 "

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That sanction be given to Statement No. 3 (Accounts and Expenditure, Audit Establishment) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of

No. 5300.

1888) as follows, subject to sanction being accorded by the Corporation to the maximum pay and allowances of the Inspector of Stores being fixed at Rs. 250 per mensem:—

DESIGNATION.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per annum. Persons.	Increase per annum. Amount.	Decrease per annum. Persons.	Decrease per annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Superior Staff.									
Chief Accountant	1	1,200	...	1,200		...	...	...	...
Deputy Accountant	1	500	...	500		...	...	...	...
	2	1,700	...	1,700	20,400	...	...	...	...
Cash and Book-keeping.									
Cashier...	1	200	...	200		...	600	...	...
Senior Book-keeper	1	100	...	100		...	300	...	...
Senior Book-keepers @ Rs. 75 each.	2	150	...	150		...	240	...	...
Junior Book-keeper	1	35	...	35		1	420	...	...
Do.	1	30	...	30		...	...	...	...
Do.	1	25	...	25		...	...	...	...
Do.	1	20	...	20		...	...	...	...
Voucher Clerk	1	30	...	30		...	...	...	...
Do.	1	25	...	25		1	300	...	...
Pension and Leave Register Clerk..	1	40	...	40		...	180	...	...
Pay Clerk	1	150	...	150		...	...	...	360*
Do.	1	100	...	100		...	...	...	...
Do.	1	50	...	50		...	...	...	...
Receiving Clerk	1	75	...	75		...	...	...	120
Do.	1	40	...	40		...	240	...	...
Do.	1	35	...	35		1	420	...	...
Do.	1	30	...	30		1	360	...	...
	18	1,135	...	1,135	13,620	...	...	...	480
Audit.									
Head Audit Clerk	1	200	...	200		...	...	...	...
Senior Audit Clerk	1	150	...	150		...	480	...	...
Do.	1	125	...	125		...	300	...	...
Senior Audit Clerks @ Rs. 100 each.	2	200	...	200		...	60	...	...
Senior Audit Clerk	1	75	...	75		...	...	...	...
Junior Audit Clerk	1	50	...	50		...	180	...	...
Junior Audit Clerks @ Rs. 35 ...	2	70	...	70		...	240	...	...
Do. do. 30 ...	2	60	...	60		1	480	...	...
Junior Audit Clerk	1	25	...	25		1	300	...	...
Do.	1	20	...	20		1	240	...	...
	13	975	...	975	11,700	...	...	...	...
Carried over...	33	3,810	...	3,810	45,720	7	5,340	...	480

* Conveyance allowance, actuals to be paid.

Designation.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Brought forward...	33	3,810	...	3,810	45,720	7	5,340	...	480
Correspondence.									
Head Correspondence Clerk ...	1	150	...	150		...	...	...	...
Record-keeper	1	60	...	60		...	60	...	...
Copying Clerk	1	40	...	40		...	...	...	...
Copying Clerks @ Rs. 25 each ...	2	50	...	50		1	300	...	...
Register Clerk	1	30	...	30		...	...	...	...
Do.	1	20	...	20		...	...	...	...
	7	350	...	350	4,200	...	...	...	...
Stores.									
Inspector of Stores	1	200	30	230		...	960	...	...
Clerk	1	40	...	40		...	...	...	60
	2	240	30	270	3,240	...	...	...	...
Peons, &c.									
Havildar	1	18	...	18		...	...	...	...
Peons @ Rs. 10 each	5	50	...	50		...	...	...	...
Do. do. 8 „	3	24	...	24		3	288	...	...
Do. do. 6 „	2	12	...	12		...	...	...	...
	11	99	...	99	1,188	...	...	...	...
TOTAL ...	53	4,499	30	4,529	54,348	...	...	...	...
Establishment transferred—									
To Revenue & Refund Audit Establishment Town Duties Audit Clerk ... 1—1,200						11	6,948	...	540
Do. do. ... 1— 240						...	540	...	...
					2—1440	11	6,408	...	...
„ Loan Establishment Drainage Audit Clerk. 1—1,440									
Do. ... 1— 240									
					2—1680				
„ Engineer's (General Establishment)—									
Assistant Store Clerk ... ... 1— 780									
Overseer ... ... 1— 300									
Labourer ... ... 1— 120									
					3—1200	7	4,320	...	...
Net increase... ...						4	2,088	...	...

After discussion, the motion was *carried unanimously*.

Read the following:—

Property and Wheel Tax Establishment.

"The re-organisation in 1882-83 of the Assessment Department was based on the figures for that year, as considered by the Town Council in their report to the Corporation, dated 7th October 1881. Since this re-organisation, the number of properties has increased from 29,867 to 49,673, or an increase of about 20,000. This increase entails a corresponding increase in the number of entries, bills and complaints and therefore of the work of the whole establishment. There must also be added the increase of work entailed by sections 141 and 142 of the new Act, according to which Water and Halalkhor taxes are now charged in a large number of cases which were exempt under the old Act.

"The following contrasted statement gives some idea of the increase in the work of the establishment :—

Details.	1883-84.	1888-89.
	Rs.	Rs.
Properties on Assessment Book	29,867	49,673
Gross Annual Valuation	1,65,08,950	2,43,14,166
Number of Bills issued	68,033	78,780
Amount of Bills issued	20,88,209	29,87.957
Amount to be collected	24,37,752	32,83,043
Amount actually collected under all heads ...	20,49,312	31,16,917
Outstanding Balance	3,88,439	1,66,126
Number of cases reported in the Tabulated Ward Reports	4,518	4,361
Number of Amendments made through Form 11 B	2,682	3 533
Complaints against Assessments	1,392	3,006
Notices to Complainants	1,392	3,016
Special Notices issued	3,682	3,733
Notices of Demand	4,991	9,911
Warrants issued	1,446	2,056
¼th Remission Claims	1,178	1,171
Refund Claims	1,393	1,849
Wheel Tax Schedules issued	10,103	10,176
Inward Number of letters received	15,174	28,703
Outward Number of letters despatched ...	17,317	26,974
Percentage of cost of Assessment, Collection and Refunds (including the salary of the Special Assistant to the Commissioner) on the amount to be collected	3·3	On Establishment for 1889-90, 3·1 On proposed Establishment, 3·6

"The existing strength is not sufficient to meet this heavy increase of work, and it is proposed to render it efficient by strengthening it as shown in the following paragraphs :—

Assistant Assessor.

"The standing orders require that the two Assistant Assessors should test the valuations at the rate of 25 per cent. each year. So that in the course of 4 years all the valuations pass under their review. The increase in the number of properties gives an increase of 5,000 to the number of valuations to be tested each year by the two Assistant Assessors. They have practically found it impossible to make this test, and it is accordingly proposed to create another appointment of Assistant Assessor.

Ward Superintendent.
8 Ward Clerks.
1 Ward Office Clerk.
4 Peons.

"Owing to the expansion of the city northwards, it has been found necessary to have a separate Superintendent with establishment for each of the Wards F and G which are now worked under one Superintendent.

8 Registration Clerks.
1 Record Clerk.
1 Clerk.

"Additional Office Establishment, owing to the labour entailed in the number of increased valuations, schedules, notices, entries in the several books, calculations, bills, correspondence, &c.

1 Ward Office Clerk.

"This clerk is at present employed to assist the E Ward Superintendent in the collection of the tax on public land conveyances. The salary of this clerk during the present year has, pending the submission of the Schedule, been debited to the Commissioner's Discretional Grant.

Conveyance allowance to Ward Superintendents.

"The present sum of Rs. 25 per mensem being found inadequate, the allowance has been increased to Rs. 30. An additional sum of Rs. 30 is added for the new appointment of Ward Superintendent.

Conveyance allowance to Surveyor.

"This allowance is proposed as the duties of the Surveyor extend over the whole of the island.

INCREASES TO SALARIES.
The Registrar and Accountant.
The Deputy Accountant.
The Head Clerk.
Registration Clerk.

"These have been fixed in proportion to the increased responsibility devolving on them, and to the salaries of somewhat similar appointments in other Departments.

Ward Clerks.

"The minimum salary Rs. 30 I consider too low. All these clerks are required to furnish security, for which in several cases premiums have to be paid by them. I have accordingly raised the minimum to Rs. 35.

"The strength and cost of the establishment entered in the Schedule, as compared with the present Establishment, is as follows :—

	No. of persons.	Cost per annum.
As per Schedule	171	1,14,204
Present Establishment	150	96,228
Increase...	21	Rs. 17,976"

It was proposed by Cowasjee Hormusjee, Esq.—"That the Budget Estimates be first considered."

The point of order was raised by Muncherjee Nowrojee Banajee, Esq., that it was now too late to propose such an amendment.

The Chairman ruled that the amendment was in order, but after discussion it was *withdrawn*.

Proposed by Colonel Merewether, seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 5301. "That sanction be given to Statement No. 4 (Property and Wheel-tax Establishment) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the maximum pay and allowances of the Third Assistant being fixed at Rs. 400 per mensem and to the pay of the Registrar and Accountant being fixed at Rs. 250 per mensem :—

DESIGNATION.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
The Head-quarters Office.		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Superior Staff.									
Assessor and Collector	1	1,200	...	1,200		...	...	...	...
Assistant Assessor	1	400	50	450		...	...	...	...
Do.	1	350	50	400		...	...	...	...
Do.	1	350	50	400		1	4,800	...	...
	4	2,300	150	2,450		1	4,800	...	...
Accounts and Registration.					29,400				
Registrar and Accountant	1	250	...	250		...	600	...	...
Deputy Accountant	1	125	...	125		...	300	...	...
Cashier	1	50	...	50		...	...	...	...
Surveyor	1	100	30	130		...	360	...	...
Chief Registration Clerks @ Rs. 90 each	2	180	...	180		...	480	...	...
Chief Registration Clerks @ Rs 80 each	2	160	...	160		...	240	...	...
Chief Registration Clerks @ Rs. 70 each	2	140	...	140		...	240	...	...
Chief Registration Clerk @ Rs. 60 each	1	60	...	60		1	720	...	...
Registration Clerks @ Rs. 50 each	2	100	...	100		...			
Do. do. 45 „	2	90	...	90		...			
Do. do. 40 „	3	120	...	120		...	1,680	...	...
Do. do. 35 „	6	210	...	210		...			
Do. do. 30 „	6	180	...	180		...			
Do. do. 25 „	6	150	...	150		...			
Do. do. 20 „	7	140	...	140		7	1,680	...	...
	43	2,055	30	2,085		8	6,300	...	...
					25,020				
Carried over ...	47	4,355	180	4,535	54,420	9	11,100	...	...

DESIGNATION.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Brought forward ...	47	4,355	180	4,535	54,420	9	11,100	...	...
Correspondence Clerks.									
Head Clerk	1	125	...	125		...	300	...	...
Recordkeeper and Stationery Clerk	1	65	...	65		...	...	...	...
Record Clerk...	1	80	...	30		1	360	...	...
Clerk	1	50	...	50		...	...	...	...
Do.	1	40	...	40		...	...	...	...
Do.	1	35	...	35		...	...	...	...
Do.	1	30	...	30		...	...	...	...
Clerks @ Rs. 25 each	2	50	...	50		1	300	...	...
Do. do. 20 „	2	40	...	40		...	...	...	...
	11	465	...	465	5,580	2	960	...	...
Peons.									
Havildar	1	13	...	13		...	...	...	...
Peons @ Rs. 10 each	6	60	...	60		...	} ...	...	(1) 24
Do. do. 8 „	4	32	...	32		...		...	
Do. do. 6 „	2	12	...	12		...	...	...	...
	13	117	...	117	1,404	11	12,060	...	24
Ward Inspection Offices.									
Ward Superintendents.									
Ward Superintendent	1	250	...	250		...	...	...	...
Ward Supts. @ Rs. 200 each ...	2	400	...	400		...	...	...	...
Do. do. 175 „ ...	2	350	...	350		...	...	...	...
Do. do. 150 „ ...	2	300	...	300		1	1,800	...	...
Assistant Superintendent	1	100	...	100		...	...	...	...
Conveyance Allowance for 4 wards @ Rs. 30 each	...	...	120	120		...	540	...	...
	8	1,400	120	1,520	18,240	1	2,340	...	...
Ward Clerks.									
Clerks @ Rs. 75 each	2	150	...	150		...	...	...	...
Do. do. 70 „	2	140	...	140		...	...	...	...
Do. do. 60 „	4	240	...	240		...	...	...	...
Do. do. 50 „	6	300	...	300		...	...	...	...
Do. do. 40 „	14	560	...	560		...	...	...	...
Do. do. 35 „	26	910	...	910		...	...	...	...
	54	2,300	...	2,300	27,600	3	2,280	...	...
Ward Office Clerks.						3	2,280	...	...
Clerks @ Rs. 40 each	3	120	...	120		1	480	...	...
Do. do. 35 „	2	70	...	70		...	...	...	...
Do. do. 30 „	3	90	...	90		1	360	...	...
Ward Peons.									
Peons @ Rs. 10 each...	30	300	...	300		4	480	...	...
	38	580	...	580	6,960	6	1,320	...	...
TOTAL...	171	9,217	300	9,517	1,14,204	21	18,000	...	24
					Net Increase ...	...	24	...	...
						21	17,976	...	...

(1) Consequent on grading of peons.

Carried by 7 votes *against* 1.

Read the following :—

Revenue and Refund Audit Establishment.

"The Audit Branch under the Chief Accountant is confined to auditing expenditure accounts alone. There is virtually no audit of the revenue accounts of the Municipality. It is now proposed to organize a Revenue and Refund Audit Establishment, which shall be presided over by an officer who will be immediately subordinate to the Commissioner, and whose position in respect of the revenue will be analogous to that of the Chief Accountant in respect of the expenditure.

"The duties connected with this establishment will be briefly as follows :—

'1 A fortnightly audit of the books, accounts and forms kept in the Head-quarters Office of the Assessor and Collector, in accordance with such rules as the Commissioner in the exercise of his powers under clause (*b*), sub-section (2) of section 64 of the Act may prescribe, will be maintained.

'2. A quarterly audit of the books, accounts and forms kept in the Ward Offices under the Assessor and Collector in accordance with the rules above referred to, will be held.

'3. All claims to refund proposed by the Assessor and Collector in Form 10 of the Manual of Assessment Accounts, will be scrutinized ; Form 10 A for the Commissioner's approval and signature will be prepared, and on approval the necessary orders in columns 31 and 32 of Form 10 will be given.

'4. The fortnightly returns of irrecoverable bills will be scrutinized, and proposals for action under Section 216 of the Act, will be submitted to the Commissioner.

'5. All proposals regarding disputed and erroneous bills will be scrutinized and dealt with in accordance with such orders as the Commissioner may give.

'6. Under the immediate general supervision of the Commissioner, complaints under sections 163 to 165 and 217 (2c) of the Act will be heard and disposed of ; all cases

of doubt and difficulty, as also all cases in which questions of principle not already authoritatively settled are involved, being submitted to the Commissioner for orders.

'7. All claims to Town Duties Refunds under sections 194 (2) and 195 of the Act, will be dealt with.

'8. The audit of such other items of Municipal Revenue as the Commissioner may direct, will be undertaken.

'9. Such revenue statistics and such revenue reports as the Commissioner may direct, will be got ready.

'10. The method and the system in the revenue administration of the Departments will be watched, and all irregularities and abuses brought to the notice of the Commissioner.'

" The undermentioned existing appointments, &c., will be merged into the proposed new establishment, the additional expenditure being Rs. 1,218 per annum only :—

		Rs.	a.	p.
Special Assistant to the Commissioner	1	600	0	0
Audit Clerk, Town Duties, Chief Accountant's Office.	1	100	0	0
Assistant do. do.	1	20	0	0
Allowance for Market Audit		100	0	0
Peon from Market Labour Grant	1	5	8	0
Peon from Commissioner's Office	1	6	0	0
Present Town Duty Refund Establishment	16	707	0	0
Total ...	21	1,538	8	0
Per annum		18,462	0	0
Proposed Establishment as per Schedule	25	19,680	0	0
	4	1,218	0	0"

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by Colonel Merewether—

"That sanction be given to Statement No. 5 (Revenue and Refund Audit Office Establishment) of the Schedule of Appointments prepared by the Commissioner in accordance with section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the maximum pay of

No. 5302.

the appointment of the Revenue and Refund Audit Officer being fixed at Rs. 800 per mensem :—

DESIGNATION.	No of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per annum. Persons.	Increase per annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
Superior Staff.		Rs.	Rs.	Rs.	Rs.		Rs.		
Revenue and Refund Audit Officer ...	1	800	...	800	9,600		2,400		
Office Establishment.							This is a new Establishment but the undermentioned existing appointments will be merged into it.		
Town Duty Refund Examiner	1	200	...	200			Special Assistant to Commissioner.	1	7,200
Assistant Examiner ...	1	75	...	75			Audit Clerk, Town Duties	1	1,200
Audit Clerk	1	60	...	60			Assistant Clerk, Town Duties ...	1	240
Do.	1	50	...	50			Allowance Market Audit	...	1,200
Do.	1	45	...	45			Peon from Market	1	66
Do.	1	40	...	40			Do. Commissioner's Office ...	1	72
Do.	1	35	...	35			*Town Duty Refund Establishment.*		
Do.	1	30	...	30			Refund Officer ...	1	3,000
Do.	1	40	...	40			Examiner	1	1,560
Clerk	1	35	...	35			Assistant Examiner	1	720
Do.	1	30	...	30			Clerk	1	480
Do.	1	30	...	30			Do.	1	420
Clerks @ Rs. 25 each...	2	50	...	50			Do.	1	360
Do. do. 20 „ ...	3	60	...	60			Clerks at Rs. 25 ...	2	600
Do. do. 15 „ ...	2	30	...	30			Do. „ 20 ...	3	720
Registering Clerk ...	1	20	...	20			Do. „ 15 ...	2	360
							Peon	1	120
	19	800	...	800			Do. at Rs. 6 ...	2	144
Peons, &c.					9,600				
Peons @ Rs. 10 ...	2	20	...	20				21	18,462
Peon do. 8 ...	1	8	...	8					
Peons do. 6 „ ...	2	12	...	12					
	5	40	...	40					
					480		Difference Increase	4	1,218
TOTAL...	25	1,640	...	1,640	19,680			25	19,680

Carried by 7 votes *against* 1.

Read the following :—

Licensing Establishment.

"In point of revenue and of safety, the present arrangements are very unsatisfactory. It is proposed to strengthen the present establishment and to appoint a special supervising officer.

"The increase in expenditure under this head is to a great extent nominal, for not only will better control restrict persons from carrying on unlicensed and dangerous trades, but it must, of necessity, lead to a great increase in the number of licenses, and

therefore in the revenue derived therefrom. The increase of the present establishment will consist of the following :—

1 Superintendent of Licensing,
1 Inspector,
1 Sub-Inspector,
2 Clerks, and
7 Peons,

	No. of persons.	Cost per annum. Rs.
Proposed Establishment as per Schedule...	15	12,396
Present Establishment	3	3,840
Increase	12	8,556"

Proposed by Colonel Merewether, seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 5303.

" That sanction be given to Statement No. 6 (Licensing Establishment) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the maximum pay and allowance of the appointment of Superintendent of Licensing being fixed at Rs. 400 per mensem :—

DESIGNATION.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum Persons.	Decrease per Annum Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Superintendent of Licensing ...	1	350	50	400	4,800	1	4,800	...	...
Inspection and Office Establishment.									
Inspectors @ Rs. 150	2	300	60	360		1	1,560	...	...
Sub-Inspector	1	60	...	60		...	...	...	...
Do.	1	50	...	50		1	600	...	...
Clerk...	1	50	...	50		1	600	...	...
Do.	1	30	...	30		...	...	...	...
Do.	1	25	...	25		1	300	...	...
	7	515	60	575	6,900	4	3,060	...	...
Peons.									
Peons @ Rs. 10	3	30	...	30		3	360	...	...
Do. do. 8	2	16	...	16		2	192	...	...
Do. do. 6	2	12	...	12		2	144	...	...
	7	58	...	58	696	7	696	...	...
TOTAL...	15	928	110	1,033	12,396	...	...	...	...
Net increase ...						12	8,556	...	...

Carried unanimously.

Read the following :—

Fire Brigade.

"The new Municipal Act imposes on the Municipality increased obligations in respect of the Fire Brigade, the present organization of which is defective, both in numbers and quality. Towards meeting the requirements of the Act, provisional rules have been made; but for training and discipline, in order that the operations at a fire may be really efficiently conducted, it is most desirable that there should be such a chief of the Fire Brigade as is contemplated by the Act. This post should be filled in the first instance by the appointment of an officer of approved experience from the London Metropolitan or other well-established Fire Brigade, and I have fixed the salary at the lowest figure, at which I consider such a man will be obtainable, looking to the rate of remuneration elsewhere.

"Then it is absolutely necessary that, apart from the engineers who may or may not be Europeans, and whose attention must in any case be entirely given to their engines, there should be at least for every steam-engine (six in all), one European to lead and direct the hose-men, so that the hose may be intelligently applied. Adopting a designation, which I find in use in Glasgow, I call these men, Foremen of Districts, and they will in fact be Captains of their respective engines. They will look to the training of their men, the regular practice of the engine, and will be able to familiarize themselves thoroughly with the position of fire hydrants and the general arrangements for the water-supply of the city. In this training they will be associated with the Inspectors of the Water Works Department, the staff of which will be exercised in co-operating with the Fire Brigade.

"Hitherto the conduct of all operations at a fire has depended entirely on the assistance rendered by the European members of the Police force, to whose valuable services I once more bear most grateful testimony. But this arrangement is admittedly a most unsatisfactory one, for not only is the Police force much below the strength adequate to the discharge of the Police requirements of the city, but on the occasion of a fire, the Police duties and Fire Brigade duties, though closely allied and equally necessary, should be clearly distinguished, and the Police should be free to preserve

order for the methodical operations of the Fire Brigade, so that there may be no confusion, and for guarding property.

"I do not think that a large staff of European Officers could at present be usefully employed for their whole time on Fire Brigade duties, and experience has shown that too great an allowance of leisure is ruinous alike to employer and employed, even apart from the simple consideration of economy.

"But I hope that it may be found possible to attach to each district staff a certain number of men who, in consideration of being paid a fee for their services when required, would agree to be "called out" to supplement the regular force. Lists of the names and residences of such "call men" would be kept at the several stations, and means established for rapidly communicating with them. They could be trained either as hose-men or as salvage-men, and I find that this arrangement is freely relied on in other cities.

"Possibly, also, efforts might be successful in having an additional fire-engine (say in the Fort) manned entirely by Volunteers, or in organizing a Volunteer Salvage Corps.

"The rest of the proposed establishment in the Schedule does not appear to call for any special remarks, except that it is proposed to have three fire-escapes (there are none at present) and to have a tindal and two men in charge of each.

"The cost of the establishment entered in the Schedule, as compared with the present establishment, is as follows :—

	No. of Persons.	Cost per annum.
		Rs.
As per Schedule	138	44,376
Present Establishment	133	31,476
Increase...	5	12,900"

Resolved : "That sanction be given to Statement No. 7 (Fire Brigade) of the Schedule of Appointments prepared by the Commissioner in accordance with section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corpo-

No. 5304.

ration to the pay of the Chief of the Brigade being fixed at Rs. 500 per mensem :—

DESIGNATION.	No. of Persons.	Monthly Rate of Pay.	Monthly Rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Chief of the Fire Brigade	1	500	...	500		1	6,000		
Clerk to do.	1	20	...	20		1	240		
	2	520	...	520	6,240				
Superintendence.									
Superintendent and Head Engineer...	1	250	...	250		...	...	(1)	1200
Foremen of District @ Rs. 150 each ...	2	300	...	300		1	1,200	(2)	
Do. do. do. 125 „	2	250	...	250		2	3 000		
Do. do. do. 100 „ ...	2	200	...	200		2	2,400		
	7	1,000	...	1,000	12,000				
STEAM FIRE ENGINES.									
6 *Working and* 1 *Supplementary.*									
Engineers @ Rs. 80 each	2	160	...	160		...	...		
Do. do. 70 „	2	140	...	140		1	840		860
Do. do. 60 „	2	120	...	120		2	1,440		
Stokers @ Rs. 40 each	2	80	...	80					
Do. do. 30 „	2	60	...	60					
Do. do. 20 „	2	40	...	40					
Drivers do. 15 „	6	90	...	90					
Grooms do. 10 „	6	60	...	60					
Firemen do. 14 „	24	336	...	336					
Do. do. 12 „	24	288	...	288					
Hosemen (Mochis) @ Rs. 14 each ...	6	84	...	84		4	420		
	78	1,458	...	1,458	17,496				
MANUAL ENGINES.									
6 *Working and* 1 *Supplementary.*									
Tindels @ Rs. 20 each	6	120	...	120					
Firemen do. 14 „	18	252	...	252					
Do. do. 12 „	12	144	...	144					
Hosemen (Mochis) @ Rs. 14 each ...	6	84	...	84					
	42	600	...	600	7,200				
8 *Fire Escapes.*									
Tindels @ Rs. 16 each	3	48	...	48		3	576		
Firemen do. 12 „	6	72	...	72		6	864		
	9	120	...	120	1,440				
TOTAL...	188	3,698	...	3,698	44,376				
(1) Present incumbent draws Rs. 850 per mensem. The decrease of Rs. 1,200 is transferred to Budget						23	16,980		1,560
(2) One of the Foremen (under the present designation of Assistant Engineer) draws Rs. 200 per mensem, and while he is in the appointment this salary will be drawn by him by re-arranging the salaries of the other Foremen							1,560		
						23	15,420		
Establishment transferred to Engineer (Water Works)—									
2 turncocks 600									
16 Sluicemen 1,920									
						18	2,520		
						5	12.900		

It was agreed that a special meeting of the Committee be held at 3 P.M., on Saturday, 7th instant.

BOMBAY, *7th December* 1889.

AT the Special Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE Esq., C.C.M.C.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the MUNICIPAL SECRETARY.

The signing of the minutes of the Special Meeting held on the 5th instant, was postponed.

Read letter from Mr. Dosabhai Framji, C.S.I., apologizing for non-attendance.

Proposed by Javerilal Umiashankar Yajnik, Esq., seconded by K. M. Shroff, Esq.—

"That the Budget Estimates be considered before the remainder of the Schedule is proceeded with."

There were 2 votes *for* and 3 *against* the motion which was *lost.*

Considered the following :—

Statement No. 8.—*Victoria Gardens and Museum, and other Municipal Gardens.*

Superintendent.

The salary of the appointment of the Superintendent of Municipal Gardens is at present Rs. 250 per mensem, to which is added an allowance of Rs. 50 from the Road Grant for supervision of road-side trees. This salary is not, as a maximum, adequate to secure and retain the services of the class of man required, who, as in the case of the present Superintendent, should be a highly trained specialist. It is accordingly proposed to fix the maximum salary at Rs. 500 per mensem.

Foreman.

The proposed new appointment of Foreman to the Victoria Gardens is greatly needed to assist the Superintendent in many petty details, and to exercise that constant control over the garden staff so necessary to this kind of labour. The present Clerk on Rs. 50 is in fact wrongly so called, as his duties are mainly of an out-door character.

Clerk.

An additional clerk on Rs. 25 has been provided to meet the pressure of increased work in connection with the duty of collecting entrance fees.

Head Keeper Overseer.

A new appointment of Head Keeper on Rs. 80 is proposed in order that the services of a person of knowledge and experience in the treatment of animals, &c., may be secured. The present appointment of Overseer on Rs. 15 will be abolished.

Police Ramosees, Night Watchmen, Peons.

It is proposed to employ 15 Police ramosees, so as to ensure more effective guard than at present exists. The services of the night watchmen and of two peons will in consequence be dispensed with.

There is no change in the strength or cost of the establishment of the Victoria and Albert Museum.

The strength and cost of the Gardens establishment, entered in the Schedule, as compared with the present establishment, is as follows :—

	No. of persons.	Cost per annum.
As per Schedule.....	125	22,644
Present Establishment	115	16,332
Increase.....	10	6,312

No. 5319.

Relsoved (*nem. con.*) : "That sanction be given to Statement No. 8 (Victoria Gardens and other Municipal Gardens) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the maximum pay of the Superintendent being fixed at Rs. 500 per mensem :—

Designation.	No. of Persons.	Monthly Rate of Pay.	Monthly Rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
GARDENS.		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Superintendent	1	500	...	500	6,000	...	3,000	...	...
Victoria Gardens.									
Foreman	1	80	...	80		1	960	...	...
Clerk	1	40	...	40		...	...	...	120
Clerks @ Rs. 25 each	2	50	...	50		1	360	...	...
Head Mâli	1	25	...	25		...	...	...	...
Mâlis @ Rs. 14 each	3	42	...	42		...	...	...	...
Do. do. 12 „	2	24	...	24		...	...	...	...
Do. do. 11 „	4	44	...	44		...	...	...	...
Do. do. 10 „	4	40	...	40		...	...	...	...
Do. do. 9 „	12	108	...	108		...	...	...	...
Cart-drivers @ Rs. 11 each ...	2	22	...	22		...	...	...	...
Women do. 6 „ ...	5	30	...	30		...	...	...	...
Peon...	1	10	...	10		...	...	...	...
Police Ramosis @ Rs. 11 each ...	15	165	...	165		...	...	2	240
Labourers @ Rs. 9 each	4	36	...	36		15	1,980	...	...
Do. do. 8 „	20	160	...	160		...	...	...	...
Women do. 6 „	9	54	...	54		...	...	...	...
Head Keeper	1	80	...	80		...	...	...	...
Keeper	1	12	...	12		1	960	...	...
Keepers @ Rs. 14 each	2	28	...	28		...	...	...	...
Sweepers do. 8 „	8	64	...	64		...	96	...	...
						...	...	...	...
						Minor decreases ...		6	684
	98	1,114	...	1,114	13,368	...	...	...	...
Elphinstone Circle Garden.									
Head Mâli	1	13	...	13		...	...	...	...
Mâlis @ Rs. 10 each	3	30	...	30		...	...	...	...
Women do. 6 „	2	12	...	12		...	...	...	...
	6	55	...	55	660	...	...	...	...
Falkland Road Garden.									
Mâli	1	10	...	10	120	...	...	...	...
Northbrook Garden.									
Mâli	1	12	...	12		...	...	...	...
Mâlis @ Rs. 10 each	2	20	...	20		...	...	...	...
Woman	1	6	...	6		...	...	...	...
	4	38	...	38	456	...	...	...	...
Sir Cowasji Jehangir Garden.									
Mâli	1	9	...	9		...	...	...	...
Do.	1	8	...	8		...	...	...	...
	2	17	...	17	204	...	...	...	...
Carried over...	112	1,784	...	1,784	20,808	18	7,356	8	1,044
						8	1,044	...	...
						10	6,312	...	...

DESIGNATION.	No. of persons.	Monthly Rate of Pay.	Monthly Rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		
Brought forward...	112	1,734	...	1,734	20,808	10	6,312		
Bazaar Gate Street Garden.									
Mâli	1	12	...	12					
Mâlis @ Rs. 10 each	2	20	...	20					
	3	32	...	32	384				
Garden and Trees on the Flats.									
Allowance to Health Inspector ...	...	25	...	25					
Mâlis @ Rs. 9 each	5	45	...	45					
	5	70	...	70	840				
Dick's Tank Garden.									
Mâli	1	12	...	12	144				
Malabar Hill Garden.									
Head Mâli	1	12	...	12					
Mâli	1	10	...	10					
Do.	1	9	...	9					
Do.	1	8	...	8					
	4	39	...	39	468				
Total...	125	1,887	...	1,887	22,644				
				Net Increase		10	6,312		
Victoria and Albert Museum.									
Secretary and Curator	1	200	...	200					
Office Assistant	1	75	...	75					
Museum Assistant	1	50	...	50					
Taxidermist	1	30	...	30					
Skinner	1	15	...	15					
Peons @ Rs. 10 each	4	40	...	40					
Do. do. 9 „	2	18	...	18					
Ramosis do. 11 „	2	22	...	22					
	13	450	...	450	5,400				

Read the following :—

For the purpose of securing increased efficiency and better management, it is proposed to sub-divide the Engineer's establishment into 4 separate branches ; *viz.* 1 General, 2 Drainage, 3 Water Works, 4 Streets and Buildings ; and in accordance with

this re-arrangement, the appointments in the Schedule are proposed. All branches will be subordinate to the so-called Executive Engineer, whose position, duties and responsibilities might be more appropriately indicated by some such title as that of Engineer-in-Chief.

General Branch.—Under this designation is entered the personal staff of the Executive Engineer for exercising supervision and control over all branches, and for disposing of such work as may not fall within any of the other main divisions of Municipal Engineering duties: Drainage, Water Works, and regulation of streets and buildings. Here also is included the Workshop Staff, which has never hitherto been entered in any published list of establishments, the cost being debited to various Budget heads according to the works executed.

The Chief Clerk and Accountant will exercise general supervision over the whole office staff of the several branches of the Engineer's establishment; and the Branch Head Clerks and Accountants will be responsible, respectively, for the proper working of the Clerks immediately under them.

The Chief Surveyor will stand in the same relation to the Surveyors and Draftsmen as the Chief Clerk and Accountant to the office staff. As his duties extend over the whole of the Island, a conveyance allowance has been proposed for him.

The want of a short-hand writer for the Executive Engineer has long been felt, in order to enable him to deal more expeditiously with the various matters requiring his orders.

The Workshops.—The staff entered in the Schedule for the Workshops is the minimum required, but this entry does not imply any new charge against the Municipal Fund inasmuch as the cost of the whole of the labour engaged will be recovered as hitherto from the Budget grant for the particular work upon which it may be occupied. Any extra establishment that may be required from time to time will be engaged, and the cost debited as hitherto.

Stores Clerks, &c.—The stores, in respect of which this establishment is occupied, are the miscellaneous stores at the Workshops, and the persons here entered have hitherto formed part of the Chief Accountant's establishment. But the drainage and water works stores which represent a far greater pecuniary value and

responsibility have been dealt with solely in the respective branches of the Engineer's Office. All are now placed on a uniform footing and subjected to the audit of an Inspector of Stores, who is provided for in Statement No. 3 (Chief Accountant's establishment).

Drainage.—It is proposed to place the pay of the Deputy Executive Engineer at a maximum of Rs.1,000 per mensem. The increase of 3 clerks to the office establishment is necessitated by the increase of work. The increase, as noted in the margin, to the outdoor establishment is due to the extension of the new sewerage scheme.

Dy. Exec. Engr.
1 Inspector.
3 Sub-Inspectors.
2 Clerks.
1 Store Clerk.
17 Labourers.

The establishment hitherto paid out of the grant for cleaning, repairing, and altering miscellaneous drains and gutters has been included in the Schedule.

Water Works.—It is proposed to place the pay of the Deputy Executive Engineer Water Works also at a maximum of Rs. 1,000 per mensem.

An addition of 3 clerks is also proposed for this Branch owing to the increase of work. The increase of one Surveyor and one Draftsman is needed to keep the plans of water mains and fittings corrected to date and to deal with the steadily increasing work in all respects.

The Maintenance Staff remains numerically as at present. Travelling allowance is proposed for the Foreman who has to go to all parts of the Island from time to time.

In the Inspection Staff a reduction has been made of two Inspectors hitherto specially retained for waste prevention work. The waste prevention Sub-Inspectors will now be placed under the Ward Inspectors. The number of Sub-Inspectors has been reduced, but an Assistant Inspector is provided for E Ward, which is now the centre of the extension of the city, and in which the work is very heavy. An allowance of Rs. 50 is proposed to be made to the Chief Inspector for whom no quarters are provided, but who should be resident as near as possible to the Babula Tank Road and Bhendi Bazaar sluices, which form the centre of the distributing arrangements for the Vehar water and where prompt and effective action is always required in case of fire. The Chief Inspector has voluntarily resided in close proximity for several

years, but there is nothing to prevent his moving at any time if he chooses to do so, and official quarters should be provided as soon as possible. The 2 turncocks and 16 sluicemen hitherto charged to the Fire Brigade Establishment have been transferred to the Water Works. The appointment of Engine-Driver at the Malabar Hill Reservoir has been abolished, the Inspector of the Reservoir having qualified for the post.

Streets and Buildings.—The increases under this head are—

1 Superintendent of Division...	Superior Staff.
1 Clerk	Office Establishment.
1 Draftsman	
1 Tracing Clerk...	
1 Chief Inspector	Out-door Establishment.
4 Road Mistries...	
6 Building „	
14 Clerks	
6 Drivers...	Steam-rollers.
6 Firemen	
2 Inspectors of Lighting	

These increases provide for each district being properly and efficiently supervised in respect of roads, buildings and lighting. The Island will be divided into 3 divisions, each in charge of a Superintendent, who will be a qualified Assistant Engineer. Each district will have one Inspector in charge of the roads, and one Inspector in charge of the buildings. The Road Inspectors employed on the general repairs of the roads will be immediately supervised by a Chief Inspector who is also required for checking the supplies and issues of materials at the several metal depôts. To each division there will also be one Inspector of Lighting instead of, as at present, one Inspector for the whole Island. The additional Mistries and Clerks are required to supervise and check the daily work, &c., of the Road and Building Establishments. The Drivers and Firemen required for the new steam-rollers shortly to be delivered are also provided for.

The following comparative statement shews the office work (letters, notices, summonses, bills, and such like) in all branches during the years 1887-88, 1888-89 and 1889-90:—

Years.	General.	Drainage.	Water Works.	Streets and Buildings.	Total.	Remarks.
1887-88	7,722	21,679	26,002	37,809	93,212	
1888-89	12,162	37,424	24,452	43,892	1,17,930	
1889-90*.....	13,694	41,080	26,247	54,434	1,35,455	* Calculated on the results of the first 6 months.

The numbers in 1888-89 shew an increase of 27 per cent. on those of 1887-88, and the numbers of 1889-90 shew an increase of 15 per cent. on those of 1888-89, and the increase is general in all the branches.

The present establishment is not sufficient to satisfactorily dispose of the current work, which in consequence frequently runs into arrears, causing annoying delay to all concerned. The objects to be attained and the advantages to be derived from the establishment proposed in the Schedule may be briefly summed up as follows :—

(*a.*) Reorganization of the whole department.
(*b.*) Efficiency and promptness in the despatch of work.
(*c.*) Better and more efficient supervision, &c.
(*d.*) Equitable distribution of duties.

No smaller establishment can efficiently cope with the work of the department.

The scheduled maximum cost of establishment, compared with present actuals, is as follows :—

Present Establishment.	Strength.	Cost per annum.	*Establishment as per Schedule.*	Strength.	Cost per annum.
Budget appointments.	539	Rs. 2,10,912			
Paid out of various grants	... 1,398	,, 2,05,623			
Total Strength...	1,937	Rs. 4,16,535	Total ...	2,009	Rs. 4,59,447

Net Increase per annum Strength 72, Cost Rs. 42,912.

No. 5320. *Resolved* (*nem con.*).—"That sanction be given to Statement No. 9 (Executive Engineer's Establishment) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the following maxima of pay for the undermentioned appointments :—Deputy Executive Engineer, Drainage, Rs. 1,000 per mensem ; Deputy Executive Engineer, Water Works, Rs. 1,000 ; Superintendents of Streets and Buildings, 1 at Rs. 450, 1 at Rs. 400 and 1 at 350 per mensem ; 1 Chief Inspector of Streets and Buildings, Rs. 300 per mensem ; 1 Chief Clerk and Accountant, Rs. 250 ditto ; 1 Chief Surveyor Rs. 250 ditto ; 1 Chief Inspector, Water Works, Rs. 350 ditto."

GENERAL SUPERVISION AND MISCELLANEOUS DUTIES.

Designation.	No. of Persons.	Monthly Rate of Pay.	Monthly Rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.	Remarks.
Superior Staff.		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.	
Assistant Engineer (Personal Assistant to the Executive Engineer)	1	500- 0	...	500- 0						
					6,000					
Office—Clerks Establishment.										
Chief Clerk and Accountant	1	250- 0	...	250- 0		1	3,000			
Assistant Accountant	...	...	...	...		...	...	1	1,200	
Record-keeper	1	100- 0	...	100- 0		1	900			
Short-hand Writer	1	75- 0	...	75- 0						
Clerk, Account	1	40- 0	...	40- 0						
Do. Stationery... ...	1	45- 0	...	45- 0						
Do. Registering	1	45- 0	...	45- 0						
Do. Copying	1	60- 0	...	60- 0			240			
Do. do.	1	85- 0	...	85- 0						
	8	650- 0	...	650- 0	7,800		600			
Office—Surveyors Establishment.										
Chief Surveyor	1	200- 0	50	250- 0						
Estimator and Measurer	1	100- 0	...	100- 0						
Surveyor	1	100- 0	...	100- 0						
Draftsmen	1	60- 0	...	60- 0						
	4	460- 0	50	510- 0	6,120					
Peons.										
Havildar	1	13- 0	...	13- 0						
Peons @ Rs. 10 each	4	40- 0	...	40- 0						
Do. do. 8 ,, ...	2	16- 0	...	16- 0						
Peon	1	6- 0	...	6- 0						
Lascars @ Rs. 12 each	2	24- 0	...	24- 0				1	96	
								5	720	
	10	99- 0	...	99- 0	1,188					
WORKSHOPS.										
Superintendent of Workshops and Machinery	1	550- 0	50	550- 0						
Clerk and Accountant	1	75- 0	...	75- 0						
Clerk	1	40- 0	...	40- 0			180			
Do. Registering	1	20- 0	...	20- 0					240	
Foreman Fitter	1	75- 0	...	75- 0						
Do. Carpenter	1	75- 0	...	75- 0						
Do. Smith	1	75- 0	...	75- 0						
Do. Moulder	1	75- 0	...	75- 0			60			
Overseer	1	45- 0	...	45- 0						
Draftsman...	1	45- 0	...	45- 0						
Timekeeper	1	25- 0	...	25- 0						
Stop Clerk	1	15- 0	...	15- 0						
Ticket do.	1	15- 0	...	15- 0						
Gatekeepers @ Rs. 10 each	2	20- 0	...	20- 0						
Peons do. 10 ,, ...	2	20- 0	...	20- 0						
Labour.										
Turner	1	45- 0	...	45- 0						
Do.	1	37- 8	...	37- 8						
Do.	1	30- 0	...	30- 0						
Do.	1	22- 8	...	22- 8						
Do.	1	15- 0	...	15- 0						
Do.	1	11- 4	...	11- 4						
Fitter	1	60- 0	...	60- 0						
Do.	1	52- 8	...	52- 8						
Fitters @ Rs. 45-0 each... ...	2	90- 0	...	90- 0						
Fitter	1	37- 8	...	37- 8						
Do.	1	33-12	...	33-12						
Fitters @ Rs. 30-0 each...	3	90- 0	...	90- 0						
Fitter	1	26- 4	...	26- 4						
Fitters @ Rs. 22-8 each...	3	67- 8	...	67- 8						
Fitter	1	18-12	...	18-12						
Fitters @ Rs. 15-0 each	2	30- 0	...	30- 0						
Do. do. 11-4 ,, ...	1	22- 8	...	22- 8						
Engine Driver	1	22- 8	...	22- 8						
Fireman	1	22- 8	...	22- 8						
Moolee	1	22- 8	...	22- 8						
Carpenters @ Rs. 33-12 each	2	67- 8	...	67- 8						
Do. do. 30- 0 ,, ...	2	60- 0	...	60- 0						
Do. do. 26- 4 ,, ...	2	52- 8	...	52- 8						
Do. do. 22- 8 ,, ...	3	67- 8	...	67- 8						
Carpenter	1	18-12	...	18-12						
Do.	1	15- 0	...	15- 0						
Do.	1	11- 4	...	11- 4						
Do.	1	7- 8	...	7- 8						
Do.	1	3-12	...	3-12						
Painter Mistry	1	41- 4	...	41- 4						
Painter	1	22- 8	...	22- 8						
Do.	1	18-12	...	18-12						
Do.	1	15- 0	...	15- 6						
Do.	1	11- 4	...	11- 4						
Do.	1	7- 8	...	7- 8						
Smith	1	52- 8	...	52- 8						
Do.	1	41- 4	...	41- 4						
Do.	1	37- 8	...	37- 8						
Do.	1	33-12	...	33-12						
Smiths @ Rs. 30-0 each...	2	60- 0	...	60- 0						
Do. do. 26-4 ,, ...	2	52- 8	...	52- 8						
Smith	1	22- 8	...	22- 8						
Do.	1	18-12	...	18-12						
Smiths @ Rs. 15 each	2	30- 0	...	30- 0						
Smith	1	11- 4	...	11- 4						
Do.	1	7- 8	...	7- 8						
Hammermen @ Rs. 11- 4 each	7	78-12	...	78-12						
Do. do. 15- 0 ,, ...	4	60- 0	...	60- 0						
Riveters do. 37- 8 ,, ...	2	75- 0	...	75- 0						
Riveter	1	33-12	...	33-12						
Do.	1	30- 0	...	30- 0						
Do.	1	26- 4	...	26- 4						
Riveters @ Rs. 22- 8 each	2	46- 0	...	45- 0						
Do. do. 18-12 ,, ...	6	112- 8	...	112- 8						
Do. do. 15- 0 ,, ...	7	105- 0	...	105- 0						
Do. do. 11- 4 ,, ...	3	33-12	...	33-12						
Riveter	1	7- 8	...	7- 8						
Moulder	1	22- 8	...	22- 8						
Do.	1	18-12	...	18-12						
Mason	1	30- 0	...	30- 0						
Do.	1	26- 4	...	26- 4						
Masons @ Rs. 22-8 each...	2	45- 0	...	45- 0						
Do.	1	18-12	...	18-12						
Mukadam	1	22- 8	...	22- 8						
Sarang	1	37- 8	...	37- 8						
Labourers @ Rs. 18-12 each.	2	37- 8	...	37- 8						
Do. do. 15- 0 ,, ...	9	135- 0	...	135- 0						
Do. do. 11- 4 ,, ...	16	180- 0	...	180- 0						
Lubourer	1	7- 8	...	7- 8						
Woman	1	7- 8	...	7- 8						
	151	3,861- 4	50	3,911- 4	46,935					
Stores.										
Stores Clerk	1	60	...	60			48,075		60	
Mukadam	1	25	...	25						
Peon	1	10	...	10						
	3	95	...	95	1,140					
Total General Supervision, &c....	177	5,565- 4	100	5,765- 4	69,183					
						Increase ..	2	4,980		
						Decrease ..	7	5,316		
						Increase ..	5	336		
						Decrease ..				

DRAINAGE.

Designation.	No. of Persons.	Monthly Rate of Pay.	Monthly Rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.
Superior Staff.		Rs.	Rs.	Rs.	Rs.
Deputy Executive Engineer	1	1,000	...	1,000	
					12,000
Office—Clerks Establishment.					
Head Clerk and Accountant	1	150	...	150	
Record Clerk	1	40	...	40	
Clerk, Bill...	1	40	...	40	
Do. Registering	1	35	...	35	
Do. do.	1	25	...	25	
Do. Notices and Summons ... ... ,,	1	40	...	40	
Do. do. do. ... ... ,,	1	30	...	30	
Do. Copying	1	60	...	60	
Do. do.	1	55	...	55	
Do. do.	1	30	...	30	
Do. do.	1	25	...	25	
Do. do.	1	15	...	15	
Do. Tally	1	20	...	20	
Do. do.	1	15	...	15	
	14	580	...	580	6,960
Office—Surveyors Establishment.					
Head Surveyor ... ... ,,	1	125	...	125	
Surveyor	1	80	...	80	
Draftsmen @ Rs. 60 each	2	120	...	120	
Tracing Clerk	1	20	...	20	
	5	345	...	345	4,140
Peons.					
Naik	1	12	...	12	
Peons @ Rs. 10 each	3	30	...	30	
Do. do. 8 ,, ...	2	16	...	16	
Peon	1	6	...	6	
Lascars @ Rs. 12 each	2	24	...	24	
	9	88	...	88	1,056
Out-door Establishment.					
Chief Inspector	1	250	50	300	
Inspector	1	200	...	200	
Do.	1	175	...	175	
Do.	1	150	...	150	
Sub-Inspectors @ Rs. 80 each	2	150	...	150	
Do. do. 40 ,, ...	1	80	...	80	
Do. do. 30 ,, ...	2	60	...	60	
Mukadams do. 15 ,, ...	4	60	...	60	
Peons Chowkidars @ Rs. 12 each ...	4	48	...	48	
Clerk (Inspector's)	1	50	...	50	
Do. (do.)	1	30	...	30	
Do. (do.)	1	25	...	25	
Do. (do.)	1	20	...	20	
Stores Clerk	1	65	...	65	
Do.	1	30	...	30	
Lascar for Stores...	1	12	...	12	
Labour.					
Blacksmith	1	80	...	80	
Plumber	1	30	...	30	
Plumbers @ Rs. 15 each	2	30	...	30	
Carpenter	1	25	...	25	
Mason	1	20	...	20	
Labourers @ Rs. 10 each	70	700	...	700	
Hatalkhuru do. 11½ ,, ...	10	115	...	115	
	112	2,355	50	2,405	28,860
Sluicemen.					
Sarang	1	20	...	20	
Mukadams @ Rs. 15 each	2	30	...	30	
Sluicemen do. 10 ,, ...	7	70	...	70	
	10	120	...	120	1,440
Pumping Station—Love Grove.					
Engineer	1	350	...	350	
Engine Driver	1	100	...	100	
Enginemen and Firemen @ Rs. 20 each ...	7	140	...	140	
Do. do. do. 15 ,, ...	5	75	...	75	
Do. do. do. 12 ,, ...	2	24	...	24	
Fitter	1	35	...	35	
Do.	1	30	...	30	
Assistant Firemen @ Rs. 10 each	5	50	...	50	
	28	804	...	804	9,648
Pumping Station—Carnac Bunder.					
Engine Driver	1	75	...	75	
Engineman and Fireman	1	15	...	15	
Assistant Firemen @ Rs. 10 each	2	20	...	20	
	4	110	...	110	1,320
					Net Increase...
Total Drainage ...	178	5,402	50	5,452	65,424

Schedule under Section 79.

STATEMENT No. 9.

ENGINEER'S ESTABLISHMENT.

WATER WORKS.

Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.	Remarks.	Designation.	No. of Persons.	Monthly Rates of Pay.	Monthly Rates of Conveyance allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.	Remarks.	Designation.
	Rs.		Rs.				Rs.	Rs.	Rs.	Rs.		Rs.		Rs.		
					Superior Staff.											*Superior Staff.*
..	1,200				Deputy Executive Engineer	1	1,000	...	1,000							Superintendent 1st Division ...
																Do. 2nd do. ...
											...	2,400				Do. 3rd do. ...
	...				*Office—Clerks Establishment.*					12,000						*Office—Clerks Establishment.*
	...				Head Clerk and Accountant	1	A 125	...	125							Head Clerk and Accountant ... ...
	...				Clerk, Accounts	1	40	...	40		...	540				Clerk, Record ... ...
	...				Do. Records	1	50	...	50		...	...				Do. do. ... ...
1	480				Do. Registering	1	40	...	40		...	480				Do. Bill ... ...
	...				Do. Copying	1	30	...	30		1	360				Do. Fee ... ...
	...				Do. do.	1	25	...	25		...	...				Do. Registering ... ...
	...				Do. do.	1	20	...	20		...	240				Do. do. ... ...
	...				Do. Meter Returns	1	70	...	70		...	240				Do. Copying ... ...
	...				Do. Diagrams and Notices	1	30	...	30		...	60				Do. do. ... ...
	...															Do. do. ... ...
1	240															Do. do. ... ...
1	180															Do. do. ... ...
																Do. Notices and Summons ...
																Do. Tally ... ...
																Do. do. ... ...
						9	430	...	430							
..	540				*Office—Surveyors Establishment.*					5,160						*Office—Surveyors Establishment.*
	...				Head Surveyor	1	B 150	30	180							Surveyor and Draftsman ... ...
	...				Inspector	1	80	...	80		...	...				Draftsman ... ...
	...				Surveyor	1	80	...	80		...	...				Do. ... ...
					Draftsman	1	60	...	60		1	720				Do. ... ...
					Do.	1	30	...	30		...	...				Tracing Clerks @ Rs. 20 each ...
					Tracing Clerk	1	25	...	25		1	300				Plan Clerk ... ...
						6	425	30	455							
1	144				*Peons.*					5,460						*Peons.*
	...				Naik	1	12	...	12		1	144				Naik ... ...
	...	...		96	Peons @ Rs. 10 each	5	50	...	50		5	600				Peons @ Rs. 10 each ... ...
					Do. do. 8 ,, ...	2	16	...	16		2	192				Peon ... ...
	...	8		912	Do. do. 6 ,, ...	2	12	...	12		2	144				Do. ... ...
					Lascars do. 12 ,, ...	2	24	...	24		...	...	1	144		Lascars @ Rs. 12 each ... ...
						12	174	...	174							
					Maintenance.					1,368						*Out-door Establishment.*
					Superintendent	1	300	50	350							Chief Inspector ... ...
					Foreman	1	60	15	75							Inspectors, Buildings, @ Rs. 150 each
	...				Storekeeper	1	80	...	80		...	180			With free quarters.	Do. do. 120 ,,
	...				Assistant Storekeeper	1	40	...	40							Do. Roads do. 100 ,,
	...	...		300	Clerks @ Rs. 30 each	2	40	...	40							Do. do. do. 125 ,,
1	...				Fitters do. 35 ,, ...	5	175	...	175							Do. do. do. 100 ,,
2	1,500				Do. do. 30 ,, ...	2	60	...	60							Inspector, Lighting ... ...
1	960				Do. do. 27 ,, ...	2	54	...	54							Inspectors do. @ Rs. 75 each
	360				Painter	1	35	...	35							Road Maistries do. 30 ,,
1	72				Do.	1	27	...	27							Do. do. 25 ,,
	96				Blacksmith	1	35	...	35							Do. do. 20 ,,
1	600				Do.	1	25	...	25							Building Maistry ... ...
1	360				Carpenter	1	25	...	25							Building Maistries @ Rs. 35 each
	60				Plumber	1	24	...	24							Do. do. 30 ,,
	...				Plumbers @ Rs. 22 each	7	154	...	154							Building Mukadams do. 25 ,,
	180				Do. do. 18 ,, ...	5	90	...	90							Messenger Peons do. 10 ,,
1	360				Do. do. 15 ,, ...	4	60	...	60							Ward Chowkidars do. 12 ,,
	...				Masons do. 20 ,, ...	2	40	...	40							Depot Mukadams (Road Metal) ... do. 15 ,,
					Connection Men do. 14 ,, ...	3	42	...	42							Tlaniskeepers (Road Musters)... ... do. 15 ,,
					Porters do. 14 ,, ...	12	168	...	168							Clerks, Building do. 20 ,,
					Lineman do. 12 ,, ...	5	60	...	60							Do. Roads do. 15 ,,
					Labourers do. 10 ,, ...	25	250	...	250							Do. do, do. 10 ,,
					Do. do. 9 ,, ...	60	540	...	540							Lascars do, 12 ,,
17	...	...		96	Ramosis do. 11 ,, ...	2	22	...	22							
						146	2,406	65	2,471	29,652						
					Inspection, Distribution and Waste Prevention.											*Labour.*
					Chief Inspector	1	300	*50	350		...	600	2	3,600	* House allowance.	Masons } @ Rs. 15 each ...
					Inspectors, Ward, @ Rs. 150 each ...	7	1,050	...	1,050		...	...				Carpenters }
					Assistant Inspector E Ward	1	70	...	70		1	840				Bullock Bheesties do. 12-8-6 ,,
					Sub-Inspectors @ Rs. 40 each ...	7	280	...	280							Hand Bheesties do. 10 ,,
					Do. do. 35 ,, ...	7	245	...	245							Mate do. 10 ,,
					Do. do. 30 ,, ...	16	480	...	480		...	360	2	...		Pipemen & Persian Wheelmen do. 9-11 ,,
	...				Do. do. 25 ,, ...	5	125	...	125							Labourers do. 9-11 ,,
	36				Do. do. 20 ,, ...	14	280	...	280							Do. do. 8 ,,
	...				Sluicemen do. 10 ,, ...	16	160	...	160		16	1,920				Women do. 5-13 ,,
					Labourers do. 10 ,, ...	12	120	...	120		...	...				Do. do. 5 ,,
					Do. do. 9 ,, ...	56	504	...	504		...	...				Boys do. 5-3 ,,
					Conveyance Allowance to 1 Sub-Inspector (Meter Examiner)	...	...	...	15		...	120				
						142	3,614	...	3,679	44,148						
					Lakes, Reservoirs and Filter Beds.											*Steam Boilers.*
	...				Inspector, Vehar and Tulsi Lakes, Vehar Filters and Lines in Salsette...	1	100	...	100		...	...				Driver ... ...
	...				Do. Bhandarwada Reservoir & Filters.	1	80	...	80		...	...				Drivers @ Rs. 45 each... ...
	60	...		60	Do. Malabar Hill do. do. ...	1	80	...	80		...	...				Do. do. 40 ,, ...
					Watchman, Tulsi	1	13	...	13		...	...				Do. do. 30 ,, ...
					Watchmen do. @ Rs. 10 each ...	3	30	...	30		...	...				Steersman ... ...
					Watchman, Vehar	1	12	...	12		...	...				Firemen @ Rs. 15 each... ...
					Watchmen do. @ Rs. 10 each ...	6	60	...	60		...	...				
					Linemen @ Rs. 12 each...	5	60	...	60							
					Fireman	1	15	...	15							
					Mukadam	1	15	...	15							
	300				Mukadums @ Rs. 12 each	2	24	...	24							
	...				Labourers do. 12 ,, ...	18	216	...	216		5	528				
	...				Do. do. 10 ,, ...	6	60	...	60							
					Do. do. 9 ,, ...	12	108	...	108							
						78	1,131	...	1,131	13,572						
28	8,028	8	1,464													
8	1,464															
28	6,564										...	...	1	600		Driver ...
											37	10,908	6	4,344		
											6	4,344				
											31	6,564				

STREETS AND BUILDINGS.

No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.	Remarks.
	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.	
1	400	50	450		...	1,200			
1	350	50	400		...	600			
1	800	50	850		1	4,200			Qualified Assistant Engineers.
3	1,050	150	1,200						
				14,400					
1	A 100	...	100		...	...	...	480	A. There are 3 graded appointments and the pay of the incumbents is regulated according to seniority irrespective of the branch in which they may work.
1	60	...	60		...	...	...	...	
1	40	...	40		...	...	...	...	
1	25	...	25		...	...	...	...	
1	50	...	50		...	...	...	60	
1	25	...	25		...	...	...	180	
1	30	...	30		...	...	...	...	
1	60	...	60		...	...	...	60	
1	30	...	30		...	...	...	...	
1	85	...	85		...	...	...	60	
1	30	...	30		...	...	...	...	
1	20	...	20		...	...	...	...	
1	15	...	15		...	...	...	60	
1	50	...	50		...	...			
1	20	...	20		...	...			
1	15	...	15		...	...			
					1	180			
15	575	...	575						
				6,900					
1	80	...	80		...	...	...	...	B. Ditto for these 3 Head Surveyors.
1	60	...	60		...	...	...	240	
1	40	...	40		...	60			
3	60	...	60		1	480			
1	50	...	50		1	240			
					...	...			
8	310	...	340						
				4,080					
1	12	...	12		1	144			
3	30	...	30						
1	8	...	8		...	...	...	72	
1	6	...	6						
3	36	...	36		...	...	7	768	
9	92	...	92						
				1,104					
1	250	50			1	3,600			
5	750	...			...	...			
2	250	...							
2	300	...							
2	250	...			...	5,400	1	1,200	
8	360	...							
1	100	30							
1	150	60			2	1,080			
8	240	...			2	600			
8	200	...			...	...	6		
8	160	...							
1	40	...			...	...			
3	105	...			3	1,260			
8	90	...			8	1,080			
14	210	...							
7	70	...			...	...			
7	84	...			7	840			
					...	...			
20	300	...	300		...	...			
7	105	...	105		...	...			
7	140	...	140		...	420			
7	175	...	175		7	2,100			
7	140	...	140		7	1,680			
4	48	...	48		4	576			
129	4,457	140	4,597						
				55,164					
15	225	...	225		...	...			
20	360	...	360		...	...	...	36	
20	800	...	800		...	...	13	1,560	
4	40	...	40		...	...			
129	1,163		1,168						
508	6,297	...	6,297		...	...	4	456	
65	520	...	520		...	...			
50	291	...	291		...	...			
20	100	...	100		...	...			
25	146	...	146		...	...			
1,049	9,951	...	9,951	*1,19,412					

	Rs.
*Road Repairs ..	91,428
„ Watering..	27,984
	1,19,412

1	50	...	50						
8	135	...	135		6	2,940			
10	400	...	400						
4	140	...	140						
1	40	...	40		...	...			
18	270	...	270		6	1,848			
37	1,035	...	1,035	12,420					
					55	33,048	31	6,192	
					31	6,192			
					24	26,856			
Nos... 1,250	17,500	290	17,790	2,13,480					

Read the following :—

Health Establishments.

The difference between the existing establishment and that proposed in the Schedule is explained as follows :—

Head Office.

It has been found necessary to re-arrange the salaries and designations of the clerks, and consequently the items will not correspond.

The designation of the "Senior Clerk" has been changed from "Accountant" to "Head Clerk and Accountant," on a salary of Rs. 125.

The post of "Chief Correspondence Clerk" on Rs. 80 has been changed into "Deputy Accountant" on Rs. 75.

The remaining salaries are as before.

Two extra clerks, 1 at Rs. 25 and 1 at Rs. 20, have been added in consequence of increase of work.

The net increase under this head amounts to Rs. 55 per month.

Peons.

The number remains the same, but in the Schedule a middle grade on Rs. 8 has been created.

Net decrease under this head is Rs. 4 per month.

Registration Branch.

The pay of the Head Clerk has been raised from Rs. 110 to Rs. 125; the post is an important one, and a thoroughly efficient man must hold it.

The other salaries are the same as before, with one exception.

One additional clerk at Rs. 20 has been entered in the Schedule in consequence of increase of work.

Net increase under this head is Rs. 15 per month.

Superintendence and Inspection.

There is an alteration in the grading of the Inspectors.

Two new appointments of "Assistant Inspectors" on Rs. 100 per month have been made. These are absolutely necessary, consequent upon the rapid increase of population and buildings, particularly in E ward, necessitating further sanitary supervision.

Besides the necessity for increased supervising power, it is advisable to have assistants available to take the place of Inspectors absent on leave or through sickness. It happens that at times for want of this assistance one man has to do the duty of two.

Sub-Inspectors.

The pay of the lowest grade of Sub-Inspectors has hitherto been Rs. 15, and I find it very difficult to secure good men at such a low rate. They are expected to be able to read and write English

and have a fair amount of education. They have to attend work at very early hours ; the work is not of a pleasant nature and they are liable to be transferred to different parts of the city; which may mean a change of residence and expense. The pay of the lowest grade has therefore been fixed at Rs. 20, and one extra man on Rs. 20 has been added in consequence of increase of work in the Byculla Ward.

Muster Clerks.

The above remarks also apply to Ward Timekeepers, in future to be called "Muster Clerks," and the pay of the lowest grade has been fixed at Rs. 20.

Veterinary.

The appointment of Veterinary Assistant was recently sanctioned by the Corporation.

Stable Muccadums.

There has been a re-adjustment of the pay of this class.

Scavenging Muccadums.

They have been graded so as to allow for the promotion of the good and deserving ones amongst them. I think it advisable to make this change. There are two extra men, one for Malabar Hill and one for Byculla Sections. It has been considered advisable in consequence of the recent strikes amongst our Mahar labourers to have a few of the more intelligent and influential of them, "Patels" as they are called, vested with a certain amount of authority directly over their own class—a sort of Muccadum or headman who would exercise control and give information regarding any combinations amongst the labourers, provide men and women to fill vacancies, and be made hostages for the general behaviour of our biggaries.

It is proposed to have 2 per cent. of this class on Rs. 12.

Halalkhore Muccadums.

There is an increase of three Muccadums—one for Colaba, one for Marine Lines and Esplanade, and one for Byculla.

The total net increase under all heads of the superior staff is Rs. 191 per month.

Labour Scavenging.

The increase under this head is 20 drivers, 40 men and 20 women; this is in consequence of the growing extension of the city.

Drain Cleaning.

The increase under this head is 6 drivers, 6 men and 6 women.

Halalkhors.

There is an increase of 50 cart-drivers for cleaning cesspools in the undrained portions of the city. Either 50 or more carts must be maintained, or the number of cesspools, which these carts can help the cleaning of, must remain uncleaned.

The increase amongst Halalkhors is as follows: this is to provide for work hitherto done by Government, the Port Trust, and private agency, and for increase of service consequent on new buildings :—

	Halalkhors.
A Ward	28
B „	19
D „	15
E „	32
F & G Wards	30
Extra Halalkhors employed for special work during the current year (Mills, Hotels, &c.)	20
Fillers for new cesspool carts	47
Total ...	191

The above estimate is merely for current and probable requirements of the next year. With the extension of the city and absence of drainage, this branch must require annual additions.

The estimate for extra Halalkhors does not provide for service at the hospitals of the city; 49 Halalkhors will be required to carry out that work.

The cost of the establishment entered in the Schedule, as compared with the present establishment, is as follows :—

	Strength.	Per annum.
Present Establishment	4,721	6,17,864
As per Schedule	5,101	6,72,240
Difference—Net Increase	380	54,376

Read also the following :—Resolution No. 4748, dated 31st October last, of the Corporation as follows :—" That memorandum No. 13530, dated 18th September last, from the Health Officer, be referred to the Standing Committee for consideration and disposal by them in connection with the preparation of next Budget estimates."

Read also report by the Health Officer No. 13530,* dated 18th September 1889, regarding the conservancy of the city, especially in relation to the removal of rubbish from dust-bins.

Resolved (*nem. con.*): " That sanction be given to Statement No. 10 (Public Health Department) of the Schedule of Appointments prepared by the Commissioner under section 79 of the Municipal Act (3 of 1888) as follows :— No. 5321.

* *See* Proceedings of the Corporation, dated 31st October last.

Designation.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.		Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
Superior Staff.		Rs.	Rs.	Rs.	Rs.			Rs.		Rs.
Assistant Health Officer	1	900	...	900*	10,800			2,400		...
HEAD OFFICE. *General Sanitary Work.*										
Head Clerk and Accountant	1	125	...	125			...	300	...	...
Deputy Accountant	1	75	...	75			...	...	...	60
Account Clerk	1	60	...	60			...	120	...	...
Record Clerk	1	45	...	45			...	120	...	...
Assistant Record Clerk	1	30	...	30			...	...	...	...
Stores and Stationery Clerk	1	40	...	40			...	...	...	60
Notice Clerk	1	50	...	50			...	120	...	...
Summons Clerk	1	40	...	40			...	60	...	...
Registering Clerk	1	40	...	40			...	...	...	...
Do.	1	35	...	35			1	420	...	...
Despatch Clerk	1	25	...	25			...	...	...	420
Muster Clerk	1	30	...	30			...	...	...	...
General and Copying Clerk	1	60	...	60			...	...	...	...
Do. do.	1	35	...	35			...	...	...	...
Do. do.	1	30	...	30			...	60	...	...
Do. do.	1	25	...	25			...	...	...	...
Do. do.	1	20	...	20			...	...	...	...
	17	765	...	765			...	...	...	...
					9,180					
Peons.										
Havildar	1	13	...	13						
Peons @ Rs. 10 each	6	60	...	60			...	...	...	...
Do. do. 8 „	2	16	...	16		10,392	...	...	...	...
Do. do. 6 „	2	12	...	12			...	...	...	48
	11	101	...	101			...	...	...	...
					1,212					
Registration Branch.										
Head clerk...	1	125	...	125						
Tabulating clerk	1	50	...	50			...	180	...	...
Tabulating clerks @ Rs 80 each ...	2	60	...	60			...	...	1	480
Do. do. 20 „ ...	3	60	...	60			...	...	...	...
Birth Register clerk	1	30	...	30			2	480	...	...
Death do.	1	25	...	25			...	...	...	...
	9	350	...	350			...	...	..	...
					4,200					
Peon.										
Peon	1	10	...	10		4,320				
					120					
Carried over...	89	2,126	...	2,126	25,512		8	4,260	1	1,068

* Maximum salary of appointment.

DESIGNATION.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total Per Annum.		Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.			Rs.		Rs.
Brought forward...	89	2,126	...	2,126	25,512		3	4,260	1	1,068
LABORATORY.										
Attendant	1	15	...	15	180		...	...	...	...
Superintendence and Inspection.										
Inspectors @ Rs. 250 each	2	500	...	500						
Do. do. 225 „	2	450	...	450						
Do. do. 200 „	2	400	...	400			...	...	...	1,020
Do. do. 175 „	2	350	...	350						
Inspector do. 150	1	150	...	150						
Assistant Inspectors @ Rs. 100 each ...	2	200	...	200			2	2,400	...	...
Sub-Inspectors @ Rs. 80 each... ...	4	320	...	320			...	...	...	...
Do. do. 70 „	3	210	...	210			...	...	...	...
Do. do. 50 „	3	150	...	150			...	...	...	...
Do. do. 40 „	3	120	...	120			...	...	...	...
Sub-Inspector do. 35	1	35	...	35						
Sub-Inspectors do. 30 each... ...	21	630	...	630			...	300	...	...
Do. do. 25 „	8	200	...	200						
Do. do. 20 „	11	220	...	220			1	240	...	...
Veterinary Inspector	1	80	...	80			...	...	...	110
Assistant do.	1	60	...	60			1	720	...	...
Farriers @ Rs. 25 each	2	50	...	50						
Do. do. 20 „	10	200	...	200			...	...	...	210
Muster Clerks @ Rs. 30 each	5	150	...	150						
Muster Clerk do. 25	1	25	...	25			...	240	...	...
Muster Clerks do. 20 each	4	80	...	80						
Stable Mukadums @ Rs. 15 each ...	3	45	...	45						
Do. do. 12 „ ...	5	60	...	60			...	...	...	24
Mukadums @ Rs. 15 each	12	180	...	180						
Do. do. 14 „	10	140	...	140						
Do. do. 13 „	10	130	...	130			26	4,176	...	...
Do. do. 12 „ ...	52	624	...	624						
Halalkhor Mukadums @ Rs. 20 each...	14	280	...	280						
Do. do. 15 „	36	540	...	540			3	360	...	...
Ramosis @ Rs. 11 each	44	484	...	484			29	3,840	...	...
	275	7,063	...	7,063	* 84,756					
Dhobiwada.										
Clerk	1	40	...	40			...	...	...	...
Peons @ Rs. 10 each	2	20	...	20			1	120	...	...
	3	60	...	60	720					
Carried over...	318	9,264	...	9,264	1,11,168		66	16,656	1	2,432

* Conservancy, Sec. I. .. Rs. 63,662
Do. „ III. .. „ 3,386
Halalkhor, Sec. X. .. „ 15,992
Mahalaksmi Dhobiwada. „ 132
Tank Conservancy .. „ 1,584
Total .. Rs. 84,756

Designation.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Brought forward...	318	9,264	...	9,264	1,11,168	66	16,656	1	2,432
Registration.									
Registrars @ Rs. 70 each	2	140	...	140					
Registrar do. 55	1	55	...	55					
Registrars do. 40 each	2	80	...	80					
Registrar do. 10	1	10	...	10					
Cemetery Clerks @ Rs. 40 each ...	2	80	...	80					
Do. do. 30 „ ...	2	60	...	60					
Karkoons for Birth Registration @ Rs. 11 each	39	429	...	429					
Do. Death do. do. „	22	242	...	242					
Allowance to Burial Board Clerk ...	1	10	...	10					
	72	1,106	...	1,106	13,272				
Milch Cattle Stables.									
Peons @ Rs. 10 each	6	60	...	60	720				
	396	10,430	...	10,430	1,25,160				
LABOUR. 1.—*Scavengers, &c.*									
Cart Drivers @ Rs. 9 each	401	3,609	...	3,609		20	2,160		
Scavenger men @ Rs. 9 each ...	984	8,856	...	8,856		24	2,592		
Do. women do. 6 „ ...	468	2,808	...	2,808		20	1,440		
Refuse Kilnmen do. 10 „ ...	23	230	...	230		...	...	3	432
	1,876	15,503	...	15,503	†1,86,036				
2.—*Surface Drain Cleaning.*									
Cart Drivers @ Rs. 9 each	204	1,836	...	1,836		6	648	...	...
Men do. 9 „	319	2,871	...	2,871		1	108	...	...
Women „ 6 „	206	1,236	...	1,236		6	432	...	...
Halalkhors.	729	5,943	...	5,943	71,316				
Cart Driver @ Rs. 13	1	13	...	13		...	...	...	...
Cart Drivers do. 11½ each	219	2,518½	...	2,518½		50	6,900	...	...
Halalkhors do. 13 „	13	169	...	169		...	...	3	468
Do. do. 11½ „	1,849	21,263½	...	21,263½		194	26,772	...	...
	2,082	23,964	...	23,964					
Cemetery.					*2,87,568				
Attendant to the Hindu Burial and Burning Ground, Haines Road ...	1	10	...	10					
Hearse Drivers @ Rs. 10 each ...	5	50	...	50					
Grave Diggers do. 10 „	12	120	...	120					
	18	180	...	180	2,160				
Total Labour...	4,705	45,590	...	45,590	5,47,080				
GRAND TOTAL...	5,101	56,020	...	56,020	6,72,240	387	57,708	7	3,332
						7	3,332		
					Net increase... ...	380	54,376		

* Halalkhors, Sec. X. ..2,87,430
Mahalaksmi Dhobiwadu. 138
Total..Rs. 2,87,568

† Scavengers, Sec. II. ..1,72,860
Halalkhor, Sec. X. .. 1,332
Milch Cattle Stables.. 1,404
Tank Conservancy ... 3,240
Conservancy, Sec. III. 7,200
Total..Rs. 1,86,036

Read the following :—

Markets and Slaughter-houses.

To the office establishment has been added an additional clerk on Rs. 25 to meet the increased work consequent on the increased revenue derived from the markets.

The work of verifying "Weights and Measures" has been placed under the Superintendent, for which it is proposed to make to him an allowance of Rs. 50 per mensem.

A conveyance allowance of Rs. 30 has been given to the Meat Inspector whose duties necessitate his visiting the several markets of Bombay.

The other increases are, to the salaries of appointments which, owing to the responsibilities involved, are, I consider, at present underpaid. They are as follows :—

Head Clerk and Accountant	Rs. 30
Fee Clerk	„ 30
Stamper	„ 10
Assistant Stamper	„ 10
Assistant Superintendent (Bandora)	„ 25
Sub-Inspector	„ 15
Do.	„ 5
Do.	„ 3

The decrease in the allowance of Rs. 100 per mensem for the Market Audit is owing to the transfer of this duty to the proposed Revenue and Refund Audit Establishment.

	No. of persons.	Cost per annum.
Proposed Establishment as per Schedule.	150	37,584
Present Establishment	149	35,988
Increase ...	1	1,596

No. 5322. *Resolved (nem. con.)* : "That sanction be given to statement No. 11 (Markets and Slaughter Houses) of the schedule of appointments prepared by the Commissioner under Section 79 of the Municipal Act (3 of 1888) as follows, subject to sanction being accorded by the Corporation to the salary and allowances of the Superintendent of Markets being fixed at Rs. 650 per mensem, and to the maximum of the salary of the Assistant Superintendent being fixed at Rs. 250 per mensem :—

DESIGNATION.	No. of Persons.	Monthly rate of Pay.	Monthly rate of Conveyance Allowance.	Total Monthly Amount.	Total per Annum.	Increase per Annum. Persons.	Increase per Annum. Amount.	Decrease per Annum. Persons.	Decrease per Annum. Amount.
		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
Superintendence and Inspection.									
Superintendent	1	600	*50	650			* 600 Allowance for "weights and measures."		
Meat Inspector	1	120	30	150		...	360	...	...
Sub-Inspector	1	70	...	70		...	...	...	...
Do.	1	50	...	50		...	...	...	...
Sub-Inspectors @ Rs. 20 each...	2	40	...	40		...	36	...	...
	6	880	80	960		...	...	...	...
Office Establishment.					11,520				
Head Clerk and Accountant ...	1	100	...	100		...	360	...	...
Fee Clerk	1	50	...	50		...	360	...	...
Stamper	1	40	...	40		...	120	...	...
Assistant Stamper	1	30	...	30		...	120	...	...
Clerk	1	30	...	30		...	...	...	...
Do	1	25	...	25		1	300	...	...
Do.	1	20	...	20		...	...	...	...
	7	295	...	295		...	...	...	...
Peons.					3,540				
Naik @ Rs. 12 each	3	36	...	36		...	...	...	...
Peons do. 10 „	16	160	...	160		...	...	...	...
Police Ramosees at Rs. 11 each	7	77	...	77		...	...	...	...
	26	273	...	273		...	...	...	...
Labour.					3,276				
					18,336				
Labourers @ Rs. 11 each ...	71	781	...	781		...	...	...	...
Halalkhors do. 13 „ ...	2	26	...	26		...	...	...	...
Lamplighter	1	10	...	10		...	...	...	...
Gardener	1	15	...	15		...	...	...	...
Farrier	1	22	...	22		Meat Carriage.. Rs.		2,928	
Meat Van Drivers @ Rs. 9 each	24	216	...	216		Labour .. „		9,984	
Woman	1	6	...	6		*Total Rs.		12,912	
	101	1,076	...	1,076					
Bandora Slaughter House					*12,912				
Assistant Superintendent ...	1	250	...	250		...	300	...	...
Cattle Inspector	1	120	...	120		...	...	...	...
Sub-Inspector	1	50	...	50		...	180	...	...
Do.	1	20	...	20		...	60	...	...
Do.	1	15	...	15		...	...	...	...
Clerk	1	25	...	25		...	...	...	...
Peons @ Rs. 12 each	4	48	...	48		...	...	...	...
	10	528	...	528				1,200	Market audit transferred to Revenue & Refund audit Establishment.
					6.336				
TOTAL ...	150	3,052	80	3,132	87,584				
						1	2,796	...	...
						...	1,200	...	...
					Net Increase...	1	1,596	...	...

The following items of the list of "Outstanding Business" (1st December 1889) *were struck out* as the matters therein referred to were disposed of at to-day's meeting :—

"6. Strengthening of the Engineer's Department."

"8. Conveyance and travelling allowances to Municipal Officers and Servants."

"17. Conservancy arrangements of the City, especially in regard to the removal of rubbish from dust-bins."

It was agreed that a special meeting of the Committee be held at 3 p.m. on Monday next, the 9th instant, for the consideration of the Budget Estimates.

BOMBAY, *9th December* 1889.

AT the Special Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DOSABHAI FRAMJI, Esq., C.S.I. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G.L.C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the CHIEF ACCOUNTANT ; and the MUNICIPAL SECRETARY.

The signing of the minutes of the special meeting held on the 7th instant, was postponed.

The consideration of Budget Estimates for the year 1890-91, was proceeded with.

Colonel G. L. C. Merewether moved that the expenditure side of the Budget be considered first.

On a division, there were 3 votes *for* and 4 votes *against* the motion which was *lost.*

The Commissioner, in his Introductory Remarks, states as follows :—

"The opening balance is estimated at Rs. 5,00,000, after providing for all grants sanctioned and likely to be sanctioned for the year 1889-90. The details are as follows :—

Estimated closing balance as per page 5 of Budget for 1889-90		Rs. 1,27,044
Actual opening balance in excess of estimated opening balance on 1st April 1889 (see page 63 of the Administration Report for 1888-89)		„ 2,70,972
Excess revenue expected during 1889-90 over Budget	Rs. 2,50,000	
Less—Excess outstandings	„ 25,000	
		2,25,000
		Rs. 6,23,016
Deduct—Grants from cash balance sanctioned up to 10th November, exclusive of advances for Loan Works or Stock ...	Rs. 60,805	
Add—Reserved for probable extra grants to end of current financial year... ...	„ 62,211	
		„ 1,23,016
Opening balance for 1890-91, including the lakh required by law...		Rs. 5,00,000

"This balance of Rs. 5,00,000 it is proposed to utilize as follows :—

Reserve balance as required by the Municipal Act ...	Rs. 1,00,000
Special works of construction and renewal as per separate list	„ 2,00,000
Experimental electric lighting	„ 30,000
Additional Stock, Health Department	„ 45,000
Additional Stock, Engineer's Department	„ 35,000
Appropriation to cover the difference between the new and the current year's liabilities on account of debt charges	„ 90,000

"It has been thought necessary to make adequate provision for improving the efficiency of the Fire Brigade, the total expenditure on which is estimated at Rs. 1,50,000, and to meet this charge it is proposed to levy the full rate prescribed by section 140(*c*) of the Municipal Act. The General Tax will thus in effect stand at 8¾ per cent. And this being so, it is considered equitable in accordance with the undertaking that was arrived at, when the old Consolidated rate stood at the same amount that the further sum required to provide for the expenditure of the year should be obtained by an addition to the Town Duties, and not by a further enhancement of direct taxation.

"The enchancement of Town Duties proposed is as follows :—

Increase	Sugar ..	Rs.	20,000
	Ghee ..	„	40,000
	Grain ..	„	80,000
		Rs.	1,40,000

Sugar from 6 to 7 annas per cwt., ghee from 6 to 8 annas per Bombay maund, and grain of all sorts from 2 to 4 annas per candy.

"Owing to the great efforts which the City is now called on to make for improving its water supply, and to the fact that the Water Works Account shows a deficit of about Rs. 3,00,000 per annum, it is thought reasonable to increase the minimum water rate from 8 to 10 annas per 1,000 gallons. This change will have the effect (*inter alia*) of adding about Rs. 10,000 a year to the sum payable by Government.

"*General Tax.*—The actuals of the current year warrant an increase of Rs. 56,600 in the estimateed revenue from this source over and above the increase of Rs. 93,000 anticipated when the Budget for 1889-90 was framed. This has enabled me to keep the Tax at the minimum rate allowed by law.

"The enhancement of the Fire Tax from $\frac{1}{2}$ per cent. to $\frac{3}{4}$ per cent. as above, including the proportionate increase in the Assessments, is estimated to yield Rs. 55,000.

"The decrease of Rs. 18,200 in Wheel Tax and Tolls is entirely due to the reduction made in the current year in the Tax on labour carts and victorias, from Rs. 20 and Rs. 68 to Rs. 15 and 60, respectively.

"Town Duties are estimated to yield Rs. 1,97,000 more than in the current year; Rs. 57,000 of this is due to refunds on kerosine oil having been required to be paid during the current year on the exports of consignments which paid duty in the previous year, and the balance of Rs. 1,40,000 is due to my proposing to levy the duties at the enhanced rates mentioned above.

"The increase of Rs. 2,000 on Licenses—(*b*) Streets and Buildings—is due to Surveyors being licensed for the first time under the Act; and the decrease of Rs. 3,781 under sub-head (*c*) of the same head is due to the Land Conveyance Licenses not realizing the sum estimated to be received from this source during the current year.

"The decrease of Rs. 17,700 under Tobacco Duties is due to the net revenue, deducting collection expenses having been entered for 1890-91.

"The increase of Rs. 2,41,450 under Halalkhor and Water Taxes is based on the actuals of the current year.

"The net increase of Rs. 1,65,631 on returns from Property and Miscellaneous, is due to Rs. 1,40,000 having been entered for the first time for the total recoveries for work done in the Workshops as an item of revenue, the total disbursements of the Shops having been shown as expenditure, and to increased revenue from the extension of Markets and on other miscellaneous items.

"Excluding Rs. 1,40,000 for Workshop receipts above referred to, but including Rs. 1,40,000 proposed to be obtained by enhancing Town Duties on grain, sugar and ghee, the ordinary income exceeds the estimate of the current year by Rs. 5,38,000.

"As regards ordinary recurring charges, the increases in establishments have been dealt with in the Schedule. In some cases the full Schedule charges have not been budgetted for the reasons given in the detailed statements.

"The items of minor increases and decreases in the expenditure are explained in the margins of the statements.

"The increase in the total expenditure of the year—exclusive of the item of Rs. 1,40,000 for Workshop expenses, which is an adjustment provision made for the first time in both the Income and Expenditure statements of the Budget, as already explained above, but including the cost of special works and additional stock—is Rs. 6,01,136. It will be

observed that this increase is chiefly due to increased provisions having been made in the Fire Brigade, Health, and Public Works Departments, owing to the necessity of rendering more efficient and extended service in the city in the shape of extinguishing Fires, Conservancy, Lighting, Watering, Road communications, Drainage and Water works. The other important increase is the provision of about Rs. 90,000 made under debt charges to meet the interest payable on the loan of Rs. 32½ lakhs to be raised during the ensuing year for Drainage and Water Works, Markets, Roads, &c.

"The estimated closing balance is Rs. 1,13,908, or Rs. 13,908 above the minimum balance required by law."

The estimate of income from General Tax at 8 per cent. (including contributions of Rs. 50,000 from Government and Rs. 1,73,177 from Port Trust for 1890-91) was passed at Rs. 15,76,600. (*The estimate for* 1889-90 *is Rs.* 15,20,000.)

The estimate of income from additional Tax under section 140 (*c*) of the Municipal Act for Fire Brigade charges at ¾ per cent. was passed at Rs. 1,50,000. (*The estimate for the current year is Rs.* 95,000.)

The estimate of income from Wheel Tax and Tolls was passed at Rs. 3,25,700. (*The estimate for the current year is Rs.* 3,43,900.)

Colonel Merewether proposed that the estimate of income from Town Duties be passed at Rs. 8,67,000, and that the duties be levied as under:—

Grain of all sorts per candy, 4 annas; flour of all sorts, 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared; wines and spirits per imperial gallon 4 annas; beer per imperial gallon, 6 pies; sugar, molasses and goor per cwt., 7 annas; ghee, per Bombay maund, 8 annas; timber, excluding railway sleepers, 2½ per cent. on market value; firewood per candy, 2 annas.

Mr. Javerilal Umiashankar Yajnik moved that the town duty on sugar be increased from 6 annas to 8 annas per cwt., ghee from 6 annas to 7 annas per Bombay maund, and that the duty on grain be left at 2 annas per candy as at present.

At the suggestion of the Chairman, the votes on these items were taken separately, and the estimate of income from Town Duties was passed at Rs. 8,07,000. (*The estimate for the current year is Rs.* 6,70,000).

The duties were passed as follows:—Grain of all sorts per candy, 2 annas; flour of all sorts, 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared; wines and spirits per imperial gallon,

4 annas ; beer per imperial gallon, 6 pies ; sugar, molasses and goor per cwt., 8 annas ; ghee per Bombay maund, 8 annas ; timber, excluding railway sleepers, 2½ per cent. on market value ; firewood, per candy, 2 annas.

The estimate of income from Licenses for dangerous and offensive trades was passed at Rs. 34,600. (*The estimate for the current year is Rs.* 30,000.)

The estimate of income from Licenses—* Streets and Buildings—was passed at Rs. 2,600. (*The estimate for the current year is Rs.* 600.)

The estimate of income from Licences—† Land Conveyance, Music, &c.,—was passed at Rs. 22,050. (*The estimate for the current year is Rs.* 25,431.)

The estimate of income from Liquor Licenses was passed at Rs. 1,43,750. (*The estimate for the current year is the same.*)

The estimate of income from Tobacco duty was passed at Rs. 1,65,300. (*The estimate for the current year is Rs.* 1,83,000.)

The estimate of income from Halalkhor Tax was passed at Rs. 5,11,600. (*The estimate for the current year is Rs.* 3,93,000.)

The estimate of income from Water Tax was passed at Rs. 10,78,000,‡ including the charges for water supplied for Municipal purposes. (*The estimate for the current year is Rs.* 9,55,150.)

The estimate of income from Market Receipts was passed at Rs. 3,38,000. (*The estimate for the current year is Rs.* 3,10,900.)

The estimate of income from Public Gardens was passed at Rs. 7,000. (*The estimate for the current year is Rs.* 8,000.)

The estimate of income from Tramway Rent was passed at Rs. 36,200. (*The estimate for the current year is Rs.* 36,000.)

The estimate of income from Miscellaneous Fines was passed at Rs. 8,000. (*The estimate for the current year is the same.*)

* For Licenses to Plumbers and Surveyors.

† Land Conveyance Licenses	Rs. 10,000
Music Licenses	9,608
Sundry do.	2,442
	22,050

‡ This total at a subsequent meeting, 11th Dec., was increased to Rs. 10,81,100.

The estimate of income from Miscellaneous Receipts was passed at Rs. 78,600.* (*The estimate for the current year is Rs.* 80,000.)

The estimate of income from Miscellaneous Fees was passed at Rs. 45,700.† (*The estimate for the current year is Rs.* 52,469.)

The estimate of income from Miscellaneous Savings was passed at Rs. 4,000. (*The estimate for the current year is Rs.* 3,000.)

The estimate of income from contributions from Municipal servants towards Pension, &c., Fund, was passed at Rs. 13,500. (*The estimate for the current year is Rs.* 12,000.)

The estimate of income from recoveries for work done in the Municipal Workshops was passed at Rs. 1,40,000.

The estimate of income from interest on the Building Fund Investment was passed at Rs. 8,000.

The estimate of income from interest on Loan and Reserve Funds Investments was passed at Rs. 36,000.

The estimate of income from interest on Sinking and Insurance Funds was passed at Rs. 12,000.

The estimate of total income for the year was passed at Rs. 55,47,300, making, with the opening balance of Rs. 5,00,000, Rs. 60,47,300. (*The total estimate for the current year is Rs.* 53,70,200.)

It was agreed that the next Meeting be held at 2 p.m., on Wednesday, the 11th instant, and that the Budget Estimates be placed first on the agenda paper.

	Rs.
* Rent of Dhobiwada and Shops	16,500
„ Milch Cattle Stables	13,026
„ Lands, Tanks, &c.	25,000
„ Police and Fire Brigade Quarters	13,600
„ Sundry Receipts	10,474
	Rs. 78,600

†	Rs.	Rs.
HEALTH DEPARTMENT FEES—		
Removing and Skinning Dead Animals	13,000	
Grave-digging	4,000	
		17,000
ENGINEER'S DEPARTMENT—		
Building Fees (Galleries, Rewas, Scaffolding, and Weather Frames)	15,000	
Opening Roads and Footpaths for cleaning Drains and laying Water Pipes	5,500	
Occupying Public Roads	3,000	
Sundry Fees...	200	
		23,700
ASSESSMENT AND COLLECTION DEPARTMENT—		
Notice, Warrant, Battakee and Sundry Fees		5,000
	Rs.	45,700

BOMBAY, 11*th December* 1889.

AT the Meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the ACTING EXECUTIVE ENGINEER; the HEALTH OFFICER; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the meeting held on the 4th instant, were signed. The signing of the minutes of the special meeting held on the 9th idem, was postponed.

The consideration of the expenditure side of the Budget estimates 1890-91, was proceeded with.

Corporation and Standing Committee's Establishment—Detailed Statement No. 3.—The estimate for establishment is entered at Rs. 20,628 being the same as per the Budget for the current year *plus* increment for Office Manager, Rs. 240 per annum, sanctioned by the Corporation on 9th January 1889.

The only other increases here are as follows :—

Section IV.—Publishing weekly accounts, printing minutes, agenda papers, stationery and contingencies, Rs. 12,000. (This is an increase of Rs. 3,000 based on the actuals for 1888-89.)

Section IV.—Clothing for Havildar and Peons, Rs. 160, on account of clothing supplied (every second year).

The estimate of expenditure for the department for the year 1890-91 was passed at Rs. 51,508. (*The grant for the current year is Rs.* 48,108).

Municipal Commissioner's Personal Office Establishment—Detailed Statement No. 4.—The estimate for Commissioner's pay is entered at Rs. 31,033 and that for establishment as per Schedule is Rs. 17,052 *less* salaries to be drawn below maximum Rs. 1,200, or at Rs. 15,852, *plus* Rs. 480, personal allowance to Head Clerk already sanctioned by the Corporation. The only increase is the nominal one on account of clothing for Havildar and Peons, a charge which occurs every second year.

It was proposed by Colonel Merewether that full provision be made for the pay of the Commissioner being budgetted for the whole year, in accordance with the Resolution of the Corporation No. 5634, dated 9th January

1889, but after discussion it was agreed that the provision for the pay be passed as entered in the draft Budget, namely, "Salary of the Commissioner under section 57 (1) of the Municipal Act, Rs. 30,000, additional from 1st March to 2nd May 1890, at Rs. 500 per month—Rs. 1,033."

Colonel Merewether moved that provision be made in the Budget for the pay of a Deputy Commissioner at Rs. 1,200 per mensem or Rs. 14,400 per year; and that the Budget grant for establishment be reduced by Rs. 4,800. (The proposed pay of the personal assistant for the ensuing year, leaving a balance of Rs. 9,600, to be provided on account of the pay of a Deputy Commissioner.)

The Chairman ruled that the motion was out of order.

The estimate of expenditure for the department for the year 1890-91 was passed at Rs. 52,685. (*The grant for the current year is Rs.* 55,461.)

General Office Establishment—Detailed Statement No. 5—The estimate for establishment is entered as per Schedule at Rs. 1,608 per annum. The only increase is the nominal one of Rs. 120 for clothing of peons and hamals.

The estimate was passed at Rs. 22,328. (*The grant for the current year is Rs.* 22,208.)

Accounts and Expenditure Audit Establishment—Detailed Statement No. 6.—The estimate for establishment as per Schedule is Rs. 54,348 *less* for salaries to be drawn below maximum Rs. 1,020 or Rs. 53,328, *plus* Rs. 540 for personal allowances to 3 clerks, making a total of Rs. 53,868.

There is a nominal increase of Rs. 280 for clothing.

The estimate was passed at Rs. 55,648. (*The grant for the current year is Rs.* 49,440.)

Assessment and Collection Department—Detailed Statement No. 7.—The estimate for establishment for Head Quarters Staff as per Schedule is entered at Rs. 61,404 *less* salaries to be drawn below maximum Rs. 1,620 or Rs. 59,784.

The estimate for Ward Inspection Offices is entered as per Schedule at Rs. 52,800.

The estimate for Revenue and Refund Audit amounts to Rs. 20,160, of which Rs. 19,680 is for establishment as per Schedule. The charges for Special Assistant, Town Duty Refund Department, market audit, &c., &c., for the current

year amount to Rs. 18,324, and these charges are to be merged into the Revenue and Refund Audit Department as above.

The total of the estimate for this branch for the year 1890-91, including Assessment and Collection, Town Duties Collection, Licensing, Land Conveyance Establishment, and Revenue and Refund Audit Establishment was passed at Rs. 2,17,166. (*The total grant for the current year is Rs.* 1,97,993.)

Fire Brigade—Detailed Statement No. 8.—In considering the estimates for this service, the Standing Committee directed that an entry be made on the minutes of this meeting to the effect that the separate account of the receipts and expenditure relating to the Fire Brigade is not to be charged with any item unless it strictly relates and appertains to charges on account thereof; and that on the other hand all charges on account of the Brigade shall be debited to the receipts from the special Tax levied under section 140 (c) of the Municipal Act.

The Secretary read letter No. $\frac{W}{4388}$, dated 12th ultimo, from the Deputy Executive Engineer, Water Works, to the Commissioner, regarding the fire in Apollo Street on 11th idem, and the stores and appliances which the Deputy recommended in that letter, should be purchased on account of the Brigade.

The estimate for establishment as per Schedule is Rs. 44,376 *less* Rs. 600 on account of salaries to be drawn below the Schedule—maxima, or Rs. 43,776, *plus* Rs. 1,872, for personal allowances to 2 Engineers and 3 Firemen, or a total for the ensuing year, of Rs. 47,416 including pension contribution payable to Government.

Section II.—Rent, Repairs &c.—Rs. 36,584 is entered for rent of additional fire stations and for extra telephone connections, &c.

Section III.—Purchase of Stock, Rs. 37,000. The Commissioner states that this amount is absolutely necessary for the efficiency of the Brigade.

Section IV.—Construction of fire station at Sankli Tank Road, Rs. 29,000. The Commissioner proposes that, instead of providing for the cost of this station by three instalments as per Resolution of the Corporation No. 2483, dated 8th July 1889, provision shall now be made for the full cost in 1890-91, as new stations will have to be put up at Colaba, Mandvi and Mazagon.

The estimate of expenditure for the Brigade for 1890-91 was passed at Rs. 1,50,000. (*The grant for the current year is Rs.* 74,378.)

Maintenance of Public Gardens—Detailed Statement No. 9.—*A.—Victoria Gardens.*—The estimate of establishment as per Schedule is entered at Rs. 19,368 *less* Rs. 1,200 on account of salary to be drawn below maximum, or Rs. 18,168.

The other increases here are Rs. 472 for Monsoon repairs, painting seats and repairs to buildings, and Section V.—Water supply, Rs. 11,064, or Rs. 1,531 in excess of the amount for the current year. This increase is based on the latest measurements.

C.—Falkland Road Garden.—The only increase here is Rs. 200, on account of water-supply calculated on the latest measurements.

F.—Bazar Gate Garden.—The only increase here is in Section IV., water-supply, Rs. 100. The estimate is based on the latest measurements.

G.—Garden on the Flats.—There is a similar increase here of Rs. 300.

H.—Dick's Tank Garden, and I.—Malabar Hill Garden.—As no provision was made for the cost of water-supply to these gardens, it was decided to enter Rs. 100 and Rs. 3,000 respectively.

On the motion of Major Selby, the word "Contingencies" was *struck out* of this statement wherever occurring and the expression "Petty charges and stores" was entered in lieu thereof.

The estimate of expenditure for Gardens was passed at Rs. 58,861. (*The grant for the current year is Rs.* 60,903.)

Public Works (Engineer's) Department—Detailed Statement No. 10.—

General Supervision.—The salary of an Assistant Engineer, as per Schedule, is entered at Rs. 6,000. The estimate for office establishment as per Schedule is entered at Rs. 8,988, being Rs. 1,524 more than the grant for current year.

The estimate of establishment for Surveyors and Draftsmen as per Schedule is entered at Rs. 6,120, being Rs. 600 more than the grant for current year.

The estimate for Workshops Establishment as per Schedule is entered at Rs. 48,075 *plus* Rs. 11,925 on account of labour charges for extra work ; Rs. 74,500 for

stores; Rs. 5,000 for repairs to machinery, buildings, &c., and Rs. 500 on account of contingencies, stationery, or Rs. *1,40,000.

The total estimate of expenditure under the head "General supervision" was passed at Rs. 1,80,916.

Drainage.—The estimate for establishment as per Schedule is entered at Rs. 24,156 *less* Rs. 1,200 on account of salaries to be drawn below maximum, or Rs. 22,956. (*The grant for the current year is Rs.* 22,260).

The estimate of establishment and labour for inspecting manholes and sewers and for cleaning miscellaneous drains and gutters, &c., is entered as per the Schedule at Rs. 28,860. (*The grant for the current year is Rs.* 22,998.)

The other increases are as under :—Rs. 6,920 on account of repairs and alteration of miscellaneous drains and gutters and repairs to chowkis ; Rs. 1,024 on account of contingencies and advertisements, stationery, printing, drawing materials &c., and clothing for peons. An increase of Rs. 600 is entered for cost of telephone connections with 3 Inspectors who are frequently called to office or directed to attend to urgent matters.

The estimate of establishment for Love Grove Pumping Station is entered as per Schedule at Rs. 9,648. The other increases under this head amount to Rs. 25,865 on account of increased consumption of coal, repairs to machinery, and water-supply.

The estimate of establishment for Love Grove Sluices as per Schedule is entered at Rs. 1,440 *plus* Rs. 1,000 on account of establishment during the rainy season. The total estimate was passed at Rs. 7,843. (*The grant for the current year is Rs.* 7,407.)

Maintenance of Carnac Bandar Night-soil Pumping Station.—The establishment is entered as per schedule at Rs. 1,320. The total estimate was passed at Rs. 9,820. (*The grant for the current year is Rs.* 11,495.)

In reference to this item, the Commissioner, in reply to Colonel Merewether, said that provision has not been made in these estimates for removing to the Pumping Station the night-soil discharged into the harbour from near the Gun Carriage Basin.

* NOTE:—The expenditure and also the receipts for work executed in the Workshops have been entered in the respective estimates of expenditure and income for the first time. Only the net results, profit or loss, as the case may be, were shown in the annual accounts.

It was agreed to await a communication from the Commissioner on this subject as per the terms of the Standing Committee's Resolution No. 4791, dated 6th November last.

Water Works.—The estimate for establishment and labour as per Schedule is Rs. 1,11,360 *less* Rs. 1,200, present salaries to be drawn below the maximum.

The total estimate was passed at Rs. 1,83,163. (*The grant for the current year is Rs.* 1,73,052.)

Streets and Buildings.—The estimate for establishment as per Schedule is Rs. 81,648 inclusive of pay of maistries, muccadums, writers, &c., which formerly were met from grants for labour.

The total estimate was passed at Rs. 84,343. (*The grant for the current year is Rs.* 42,050, *exclusive of the pay as above.*)

Public Lighting Branch.—The estimate provides Rs. 30,000 for cost of electric lighting which accounts for the increase.

The estimate was passed at Rs. 3,40,308. (*The grant for the current year is Rs.* 3,10,544.)

Road watering.—The establishment is entered as per Schedule as under: For bhisti watering Rs. 10,521 per annum, and by carts Rs. 10,467 ditto.

The estimate was passed at Rs. 1,00,670. (*The grant for the current year is Rs.* 87,063.)

Road Repairs and Maintenance.—The estimates provide for about Rs. 10,000 additional on account of purchase of materials, road metal, &c.

The estimate for labour as per schedule is Rs. 1,19,412 *less* Rs. 27,984 for labour on road watering or Rs. 91,428.

The establishment for steam-rollers as per Schedule is entered at Rs. 12,420, and the cost of extra temporary labour is estimated at Rs. 1,800.

The estimate was passed at Rs. 4,84,928. (The grant for the current year is Rs. 4,66,826.) The increase is due to provision being made for the maintenance of new roads taken over by the Municipality, to the increased area of roads, the maintenance of additional steam-rollers required for improving the consolidation of the roads, cost of protecting road-side trees, &c.

The estimate of special provision for cleaning, lighting and repairing Port Trust roads and wharfs is increased from Rs. 25,000 to Rs. 35,000 to provide for increased work in connection with the Victoria Docks.

The total estimate for public works was passed at Rs. 16,87,426. (*The grant for the current year is Rs.* 13,81,970.)

Public Health Department—Detailed Statement No. 11 —The salary of the Assistant Health Officer is entered as per Schedule at Rs. 10,800 *less* Rs. 1,800 on account of salary to be drawn below the maximum. The increase of Rs. 600 is on account of the sanctioned increment of Rs. 50 per mensem to same officer.

The estimate for office establishment as per Schedule is entered at Rs. 10,392, being Rs. 612 more than the current year's grant.

Of the other increases amounting to Rs. 3,840, the sum of Rs. 3,500 is for cost of issue of summonses as per Government Resolution No. 4522, dated 26th August last, for which hitherto the Municipality was not required to pay.

Conservancy Branch,—The estimate for scavengering establishment as per Schedule is entered at Rs. 63,662 *plus* Rs. 1,020 on account of personal allowance to Inspector Glover and the Veterinary Inspector and pay of farriers for monsoon months, or Rs. 64,682. (*The grant for the current year is Rs.* 52,362.)

The estimate for labour as per Schedule is entered at Rs. 1,72,860 (being Rs. 5,760 more than the current year's grant). The estimate for feed of bullocks, including increased rations for weak bullocks is entered at Rs. 1,24,418. (*The grant for the current year is Rs.* 1,42,800.)

The estimate for surface drain cleaning labour as per Schedule is entered at Rs. 71,316 (Rs. 1,188 more than the current year's grant.)

The estimate for feed of bullocks, including increased rations for weak bullocks was passed at Rs. 63,365. (*The grant for the current year is Rs.* 74,400.)

There is a new charge here of Rs. 15,000 on account of repairs to roads opened for drain cleaning, which charges were hitherto included under miscellaneous repairs.

Disposal of Town Sweepings.—The estimate for establishment is Rs. 3,386 as per Schedule, and that for labour is Rs. 7,200 as per ditto. The estimate was passed at Rs. 35,946. (*The grant for the current year is Rs.* 36,100.)

Repairs to dust-bins, chawls, Stables and Falkland Road Dhurumsala.—The estimate for these charges is entered at

Rs. 25,740, being Rs. 357 more than the grant for the current year.—*Stores and New Stock.*—The estimate for disinfectants and miscellaneous was passed at Rs. 28,800, being Rs. 600 more than the grant for the current year.

There is an increase of Rs. 16,530 under the head "Stock" due chiefly to the purchase of 97 pairs of bullocks, 40 new dust-bins and alteration of single-pole carts into movable carts.

There is an increase of Rs. 200 for a telephone connection with the Foras Road stables. The other increases amounting to Rs. 1,889 are on account of water-supply and water-proof clothing to sub-inspectors, &c.

Halalkhor Branch.—The estimate for the establishment as per Schedule is entered at Rs. 15,992 *plus* 140 on account of pay of farriers for monsoon months, &c. or Rs. 16,132. (*The grant for the current year is Rs.* 16,094.)

The estimate for labour as per Schedule is entered at Rs. 2,88,762, being Rs. 33,060 more than the current year's grant.

The estimate for feed of bullocks, including increased rations for weak bullocks, was passed at Rs. 68,280-12-0. This increase of Rs. 4,380-12-0 is due to the feed of 60 additional pairs of bullocks required for extra night-soil carts.

The estimate for stores was passed at Rs. 8,400, being Rs. 480 more than the current year's grant.

The increase of Rs. 2,229 under the head of repairs is on account of repairs to night-soil depôts, stables, tanks and carts, &c.

There is an increase of Rs. 15,650 under "purchase of bullocks and new stock" on account of 83 pairs of bullocks and extra night-soil carts.

There is an increase of Rs 390-10-0 under the head "rent" on account of rent of the Mody Bay night-soil depôt.*

There is an increase of Rs. 1,866 under "water-supply."

The total estimate for general supervision and conservancy was passed at Rs. 11,53,095-3-3. (*The grant for the current year is Rs.* 10,65,703.)

Markets and Slaughter Houses.—The estimate for establishment as per Schedule is entered at Rs. 18,336, being Rs. 2,916 more than the grant for the current year.

* This depôt had to be opened in consequence of our having been turned out by Government from our old site which was required for the new St. George's Hospital.

The estimate for establishment, Slaughter Houses, is entered as per Schedule at Rs. 6,336, or Rs. 120 less than the grant for the current year.

The estimate for labour is entered as per Schedule at Rs. 12,912 *less* Rs. 2,928 for meat carriage shown under "meat carriage."

There is an increase of Rs. 4,800 on account of lighting the extension of the Erskine Road and Bhuleshwar Markets* under the head "Lighting Markets and Slaughter Houses."

Meat carriage.—The estimate for drivers is entered as per Schedule at Rs. 2,928.

Under the head of "Disposal of offal," there is an increase of Rs. 1,825, which is calculated at the rate of Rs. 12 per diem, already sanctioned by the Corporation in their Resolution No. 4739, dated 31st October 1889.

The increase of Rs. 715 under the head of "contingencies" is for season tickets on both the railway lines for the Travelling Sub-Inspector, with a view to the suppression of illicit trade in beef from Kurla, and on account of clothing.

The estimate for repairs to Markets and Slaughter Houses was passed at Rs. 14,000. The ordinary grant is Rs. 10,000 for alternate years, but the Commissioner states that paving is badly wanted in several markets and their precincts; the grant is therefore increased by Rs. 4,000.

The total estimate for Markets and Slaughter Houses was passed at Rs. 1,26,406-10-9. (*The grant for the current year is Rs.* 1,23,206.)

Registration of Births and Deaths.—The estimate for establishment is entered as per Schedule at Rs. 4,320, being Rs. 180 more that the grant for the current year.

The estimate for pay of Registrars is entered as per Schedule at Rs. 13,272, the same as the grant for the current year.

The other increases amounting to Rs. 1,598 are on account of clothing for Registration Karkoons, Births and Deaths, and belts† and buckles for Death Registration Karkoons.

The total estimate for Registration of Births and Deaths was passed at Rs. 21,152. (*The grant for the current year is Rs.* 19,374.)

* There will also probably be an increase in the cost of lighting Crawford Markets; but until tenders for electric lighting are received, no reliable estimate can be formed of what the increased cost will be.

† These are required same as those provided for Birth Registration Karkoons.

Cemeteries.—The estimate for establishment as per Schedule is entered at Rs. 2,160, the same as the grant for the current year.

Increases under other heads amounting to Rs. 356 are for clothing for hearse drivers and enhanced charge for fodder and water.

The total estimate for Cemeteries was passed at Rs. 10,263-8-6. (*The grant for the current year is Rs.* 10-208.)

The estimate for Laboratory attendant as per Schedule is entered at Rs. 180, and that for maintenance Rs. 420.

The total estimate was passed at Rs. 600. (*The grant for the current year is the same.*)

The estimate for establishment at Mahaluxmi Dhobiwada as per Schedule is entered at Rs. 990, being Rs. 132 more than the current year's grant.

Of other increases amounting to Rs. 3,023, Rs. 2,975 is a nominal one for water supplied to the extension of Dhobiwada and Rs. 48 is for clothing for peons.

The total estimate was passed at Rs. 23,386. (*The grant for the current year is Rs.* 20,973).

Infectious Diseases.—There is a new charge of Rs. 6,000 under this head for the provision of special measures in the event of an outbreak of epidemic disease. Rs. 475 are also provided for the purchase of a new van. The total estimate was passed at Rs. 6,675. (*The grant for the current year is Rs.* 200.)

Milch Cattle Stables.—The estimate for establishment as per Schedule is entered at Rs. 2,124, the same as the grant for the current year.

The increases are Rs. 144 for clothing for peons, and Rs. 372 for repairs.

The total estimate was passed at Rs. 8,505. (*The grant for the current year is Rs.* 8,189.)

Tank Conservancy.—The estimate for establishment and labour as per Schedule is entered at Rs. 4,824, the same amount as the grant for the current year, and that for stores and disinfectants Rs. 1,320. The estimate was passed at Rs. 6,144, the same as the grant for the current year.

The estimate of expenditure for Vaccination was passed at Rs. 17,040. (*The grant for the current year is the same.*)

The total estimate of expenditure for the Public Health Department (including General Supervision and Conservancy, Markets and Slaughter Houses, Registration of Births and Deaths, Cemeteries, Laboratory, Dhobi Lines, Infectious Diseases, Milch Cattle Stables, Tank Conservancy and Vaccination was passed at Rs. 13,73,268. (*The grant for the current year is Rs.* 12,71,637.)

Municipal Debt—Statement No. 12.—Of the several public loans effected by the Municipality, the amount of sinking fund and interest due thereon for the year 1890-91 is estimated at Rs. 16,21,853. (*The grant for the current year is Rs.* 15,32,928.)

This estimate provides Rs. 1,07,700 for interest and sinking fund on the following loans to be taken up in 1890-91; Bhuleshwar Market extension, purchase of land on the flats, roads and streets in Agripada and elsewhere, works at the Malabar Hill Reservoir, Pawai Water Works scheme and other Budget works Rs. 26,00,000.

Pensions, gratuities and compassionate allowances—Detailed Statement No. 13.—This estimate was passed at Rs. 30,000. (*The grant for the current year is Rs.* 23,000.)

The increase is due to pensions sanctioned during the current year.

		Rs. 3,58,752
Less—Charges transferred to the Municipality—		
Queen's Statue Lighting ..Rs.	1,120	
Maintenance ..... „	343	
	1,463	
Victoria and Albert Museum Establishment .....Rs.	8,587	
Maintenance ..... „	413	
	9,000	
		10,463
		Rs. 3,48,289
Less—Government contribution.....		„ 90,000
	Total .. Rs.	2,58,289

Police charges.—This estimate was passed at Rs.2,58,289 as per margin. (*The grant for the current year is the same*).

Primary Education .....Rs.		31,374
Medical Female Scholarships ..... „		1,000
	Rs.	32,374
School for Deaf-Mutes ..... „		1,800
	Rs.	34,174
Veterinary College..... „		2,500
Victoria and Albert Museum..... „		11,200
Technical College ..... „		10,000
Joint Schools Committee's Establishment „		5,880
Total....Rs		63,754

Education.—he Testimate for Education, including contributions as per margin, was passed at Rs. 63,754. (*The grant for the current year is Rs.* 58,474.) Major Selby proposed that the grant of Rs. 1,000 for Medical Female Scholarships be disconinued, but after discussion he withdrew his proposal.

Hospitals, &c.—Detailed Statement No. 2.—At the suggestion of Mr. Cowasjee Hormusjee, the estimate for the Jaffar Sulliman Dispensary was reduced from Rs. 6,000 to Rs. 3,000 per annum, and the estimate of expenditure for this head was passed at Rs. 42,108 as per margin. (*The grant for the current year is Rs.* 45,108.)

Gokuldas Tejpal Hospital	Rs. 26,000
Establishment for proposed Small-pox and Cholera Hospitals	„ 3,108
Jaffer Sulliman Dispensary for Women and Children	„ 3,000
Total	Rs. 42,108

Discretional Contingencies.—Major Selby proposed that the consideration of the grant be deferred until details are placed before the Committee, showing so far as the accounts for this year up to date will afford the information how the grant for the current year has been spent.

The Commissioner pointed out that the details of the expenditure are usually given in the Administration Reports, and said there is no objection whatever to the details of such expenditure being supplied to the Corporation as in the case of all other expenditure from the Municipal Fund. Major Selby thereupon withdrew his proposal, and the estimate was passed at Rs. 7,000, the same amount as for the current year.

Auditors' Allowance.—This estimate was passed at Rs.8,000, the same amount as for the current year.

Rent of Municipal Office.—This estimate was passed at Rs. 16,800, the same amount as for the current year.

Election Expenses.—This estimate was passed at Rs. 500, the same amount as for the current year.

Municipal Buildings, Fire Insurance Fund.—This estimate was passed at Rs. 3,000, the same amount as for the current year.

The total estimate of ordinary expenditure for the year 1890-91 was passed at Rs. 57,20,194. (*The total grant for the current year is Rs.* 51,19,156.)

Special Extraordinary Works—Detailed Statement No. 14.—In dealing with the list of new works aggregating 2 lakhs of rupees, proposed by the Commissioner, the Standing Committee decided to include those works included under "Special repairs and renewals" under one head and new works payable out of the provision of 1 lakh current revenue under another list.

After discussion, these two lists were passed as under :—

Special Repairs and Renewals.

		Rs.
1.	Rebuilding eastern wall of Bhandarwada Reservoir ...	65,500
2.	Special repairs to machinery, Love Grove Pumping Station, Warli	16,000
3.	Providing patent concrete floor for one filter bed at Bhandarwada Reservoir	11,000
4.	Alteration of arch over Bhuleshwar storm-water drain.	4,005
5.	Special repairs and alteration to Victoria Garden roads	4,000
	Total ... Rs.	1,00,505

New Works payable out of the provision of 1 lakh current revenue.

		Rs.
1.	Raising level of the compound of Hospital for Contagious Diseases, Arthur Road	10,000
2.	Filling in Municipal ground near the Church on Elphinstone Road	1,278
3.	Fencing both sides of Tank Bunder Road with wooden posts and wrought-iron pipe rails.....	1,323
4.	Tank and hoses for Arthur Crawford Markets to be used in case of fire—one tank and hoses	9,294
5.	Windows to the Crawford Market Godowns	385
6.	Arrangements for flushing Parel and Bellasis Road Storm-water drain from Babula Tank and Nagpada Tank	3,844
7.	Storm-water drain and water entrances at the junction of Tardeo Road and Forjett Road	3,424
8.	Water entrances at end of Khetwadi Back Road near the Golpitha ; Bapty Road ; G. I P. Railway drain from low part of Nowroji Hill; north of Elphinstone Bridge; Mayo Road ; near P. and O. Co.'s Office, Rampart Row and Hornby Road near English Hotel; water entrances and slab drain in Thakurdwar Road and Queen's Road ; overflow with flap trap from old drain at south-east end of Bellasis Junction Road ; relieving drain from Tardeo Road end of Gamdevi Road near Mr. N. M. Petit's bungalow ; filling up the Aitken low-level sewer for short lengths near Bellasis Bridge and Clerk Road ; storm-water openings into Kavasji Patel Tank ; and water entrances and new drain at junction of Foras Road and Gilder Street	4,684
9.	Miscellaneous drainage works	5,000
10.	Penstocks and masonry at the entrance of the Agripada drain into the open main drain and into the Ripon Road sewer.....	3,482
11.	Latrines and urinals (public)	5,759
12.	Addition to latrines in the Municipal Workshops stores yard	1,305
	Carried over .....Rs.	49,778

	Brought forward.....Rs.	49,778
13.	Two-chamber latrine near new pumping station at Love Grove.....	1,617
14.	Pipe sewer and flushing chamber, Carroll Road.....	7,547
15.	Bas relief for tympanum at the Arthur Crawford Markets.....	2,500
16.	Provision of Telephonic communication with Vehar Water Works.....	12,000
17.	Privy accommodation for Staff at Bori Bunder Stable ...	604
18.	Partition Screen and sun shades for the offices at Bori Bunder Stable.....	525
19.	Construction of compound wall and gate to the Hospital at Grant Road	519
20.	Hand-carts for the removal of dead animals, dogs, calves, &c., which are now carried by men through the streets to the Carcass Depôt on the Flats	500
21.	Boards for urinals with Marathi and Guzerathi inscriptions	504
22.	Masonry side drain in Belvidere Road	597
23.	Four-chamber urinal at corner of Khoja Street and Grant Road	480
24.	Three two-chamber new pattern urinals on Musjid Bridge Road (south side) between Argyll Road and Frere Road.....	720
25.	Latrine at Bandora Slaughter House, 11 chambers, on the pail system with a cart	3,919
26.	Rubble masonry wall to be erected between the Municipal Chal and the Native Infantry lines at Bori Bunder	1,536
27.	Connecting drain of stand-pipe opposite the Fort Market.	149
28.	Raising land at the Victoria Gardens	5,000
29.	Wall and fencing land at the Victoria Gardens	6,000
30.	Quarters for the Garden Staff and keepers, Zoological Collection	5,000
	Total.....Rs.	99,495

The estimate for Reserve Funds (including Municipal Building Fund Rs. 8,000, Sinking Fund Rs. 11,850, Municipal buildings, Fire Insurance Fund Rs. 150) was passed at Rs. 20,000. (*The grant for the current year is Rs.* 24,000.)

The total estimate of expenditure, including Rs. 2,00,000 for special extraordinary works, Rs. 20,000 for Reserve Funds, opening balance of one lakh of rupees as required by law, and balance of Rs. 7,106, was passed at Rs. 60,47,300.

Loan Works Budget—Statement No. 15 shows the estimated income and expenditure and the opening and closing balances for 1890-91, namely, an estimated income of

Rs. 65,81,335-0-10 and an expenditure of Rs. 50,62,716-2-7, leaving an available balance on the 31st March 1891 of Rs. 15,18,618-14-3.

It was proposed by Javerilal Umiashankar Yajnik, Esq., and agreed to.—

No. 5413. "That the Commissioner be asked to furnish the Committee with a detailed statement showing the different appointments and salaries attached to the same, of all persons in the service of theMunicipality who are paid out of Loan Funds."

The Commissioner stated that he would present the List at the next meeting.

The seal of the Corporation was affixed to 240 debentures of the Bombay Tansa Water Works Loan, *viz.* 200 of the value of Rs. 1,000 each, Nos. 14527 to 14926 both inclusive, and 40 of the value of Rs. 500 each, Nos. 14401 to 14410 both inclusive, and Nos. 15965 to 15994 both inclusive, of the aggregate value of Rs. 2,20,000.

The Committee in considering certain items on the agenda paper of this meeting passed the following resolutions :—

No. 5414. *Resolved* : "That sanction be given to the payment of an advace of £5,000 (five thousand) to Messrs. Walsh Lovett & Co., Agents for Messrs. Macfarlane Strang & Co. of Glasgow, for mains and other iron work for the Tansa Water Works, which have been duly tendered for testing at Kurla, but which the Municipality have not the means of testing at present. The advance to be adjusted by debit to the approximate provision made for iron works for mains, &c."

No. 5415. *Resolved* : "That, as proposed by the Commissioner in his letter No. 14,712, dated 9th instant, sanction be given to the purchase by him, from Messrs. Kharshedji and Sons of Kirkee, of 70 pairs of bullocks for the Health Department at the following rates :—50 pairs at Rs. 150 per pair, and 20 pairs at Rs. 120 per pair.

"That the Standing Committee dispense with the invitation for tenders which would otherwise be necessary as Messrs. Kharshedji and Sons have for many years past supplied this Municipality with bullocks."

No. 5416. *Resolved* : "That, as proposed by the Commissioner in his letter No. 14751, dated 9th instant, sanction be given under section 21, clause (4), of the

Municipal Act, to the charging of Rs. 2 per copy of the Municipal Election Roll."

Item No. 19 of the List of "Outstanding Business" (1st December 1889), stores and appliances for the Fire Brigade, was *struck out* as the matter therein referred to was disposed of at to-day's meeting.

BOMBAY, 18*th December* 1889.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

COWASJEE HORMUSJEE, Esq., C.S.I.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the SECRETARY.

Letter was received from Major H. O. Selby, R.E., apologizing for non-attendance on account of having to be in Kathiawar on duty.

The signing of the minutes of the Meeting held on 11th instant, was postponed.

On the proposal of Mr. Javerilal Umiashankar Yajnik, the Committee's Resolution No. 5264 of 4th instant, was varied and now passed as follows :—

"That, as applied for by the Commissioner in his memorandum No. 13011, dated 4th November last, the Standing Committee hereby approve of his issuing an order in writing under the terms of section 230 of the Municipal Act, authorising Mr. Bhawoo Ramchandra to carry a drain from his house in Girgam Back Road, into, through, or under the land belonging to Mr. Sittaram Dhakji Waslekar to the Municipal drain in that thoroughfare. Provided, however, that no such action is to be taken if each party pays a moiety of the cost of the new connection to the main drain direct from Mr. Bhawoo Ramchandra's house."

No. 5438.

Resolved : "That the following be *recorded* :—Memorandum No. 14923, dated 12th instant, from the Commissioner, reporting, with reference to the Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 3,00,000 from the Tansa Loan Deposit Account No. 1 to the Municipal General Fund pass book, on the 2nd and 7th instant."

No. 5439.

Resolved : " That, sanction be given to the temporary deposit with the Bank of Bombay of the proceeds of the second instalment (Rs. 4,50,000) raised on the 14th instant, and of the third instalment (Rs. 1,10,000) to be raised on the 15th January next, of the 25 lakhs of rupees on the Tansa Loan on the same terms as those sanctioned in the late Town Council's Resolution No. 543, dated 21st July 1886."

No. 5440.

Resolved : " That, with reference to memorandum No. 15144, dated 17th instant, from the Commissioner, sanction be given to the payment of an advance of £6,000 to Messrs. Walsh, Lovett & Co., as agents for Messrs. Macfarlane, Strang & Co., for mains and other iron work for the Tansa Water Works, which have been duly tendered for testing, but which the Municipality have not the means of testing at present. The advance to be adjusted by debit to the approximate provision made for iron work for mains, &c."

No. 5441.

Resolved : "That, as applied for by the Commissioner, in his memorandum No. 14537, dated 5th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

No. 5442.

Name of Owner.		Where.
Messrs. Narayen Vishnu & Co.	...	Building at Poona Street."

Read letter No. 14891, dated 12th instant, from the Commissioner as under :—

SIR,—Referring to Town Council's Resolution No. 1156, dated 10th November 1886, sanctioning the setting forward of Mr. Premchand Roychand's property at Parel Road, I have the honor to report for the information of the Standing Committee that it has been found that the property behind the set-forward land has been sold to one Mr. Nemchand Sobhagchand by Mr. Premchand Roychand, and consequently it will be necessary to substitute the one name for the other.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved : " That the name of Mr. Nemchand Sobhagchand be inserted in place of that of Mr. Premchand Roychand as the person allowed by the late Town Council in their Resolution No. 1156, dated 10th November 1886, to set forward his property at Parel Road,"

No. 5443.

The seal of the Corporation was affixed to 480 debentures of the Bombay Tansa Water Works Loan of the aggregate value of Rs. 2,81,500, Nos. 15241 to 15320 both inclusive, Nos. 15900 to 15909 both inclusive, Nos. 15947 to 15950 both inclusive, of Rs. 1,000 each, Nos. 14461

to 14500 both inclusive, of Rs. 5,000 each, Nos. 14411 to 14460 both inclusive, Nos. 15227 to 15240 both inclusive, Nos. 15910 to 15946 both inclusive, Nos. 15951 to 15964 both inclusive, Nos. 16995 to 17308 both inclusive, of Rs. 500 each; and to 70 renewals of old bonds, namely, 8 Sanitary Works Loan of the value of Rs. 500 each, Nos. 234 N.N. 236 N.N., and Nos. 7348 N.N. to 7353 N.N. both inclusive; and 62 Drainage Loan of 1878, of the value of Rs. 500 each, Nos. 2281, 2964, 2965, 2721 to 2738 both inclusive, Nos. 2742 to 2744 both inclusive, Nos. 2746 to 2750 both inclusive, Nos. 2761, 2762, 3455 to 3484 both inclusive, and No. 5281, of the aggregate value of Rs. 35,000.

No. 5444. *Resolved*: "That the following be forwarded to the Corporation :—Memorandum No. 14672, dated 7th instant, from the Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 5299, dated 5th idem, copies of telegrams as under :—

To Baldwin Latham, Esq., Shepherd's Hotel, Cairo. From E. C. K. Ollivant, Esq., Commissioner, Bombay.

Corporation desire your services two months : agree terms stated by you in letter to Tulloch, namely two thousand guineas besides travelling and other expenses.—E. C. K. OLLIVANT, 5th December 1889.

To Bombay. E. C. K. Ollivant, Esq., Commissioner. From Cairo. Baldwin Latham, Esq.

Arranged to come end of month."

No. 5445. *Resolved*: "That, as applied for by the Commissioner in his letter No. 14752, dated 10th instant, sanction be given to the transfer of Rs. 1,436-1-2, from savings in section X., B, Labour, Halalkhor Branch, Health Department Budget to sections IV., Repairs, and X. E. Repairs, same branch, same Budget, to meet cost of repairs to latrines at Sonapur night-soil depôt, and of making 2" connection and fixing two iron tanks at Sankli Tank Road bullock hospital."

No. 5446. *Resolved*: "That, with reference to memorandum from the Commissioner, No. 14974, dated 13th instant, sanction be given, under section 28 *(a)* of the Municipal Act, to the payment of Rs. 62-8-0, from the grant for election expenses to meet the cost of staff employed at the election by Rate-payers held on the 27th September last."

Read memorandum No. 14935, dated 12th instant, from the Commissioner, asking the Committee to recommend the Corporation to sanction the writing off of stock, &c., as per the Chief Accountant's letter No. 2125 A, dated 30th November last, to the Commissioner, as under:—

SIR,—With reference to the Resolution of the late Town Council's No. 1144, dated 13th August 1878, I have the honour to report that I have adjusted the stock accounts of the different departments of the Municipality for the financial year ending 31st March 1889, and to request that you will be good enough to obtain the requisite sanction to the writing off of Rs. 2,21,558-2-6 as loss by auction, &c., sale of unserviceable and other stores as per attached detailed statement, in addition to Rs. 11,500-3-7 already sanctioned by the Standing Committee and Corporation from time to time during the year in question.

2. The net result of the adjustment of the various stock accounts is as under :—

	Rs.	a.	p.	Rs.	a.	p.
Loss by auction sale of unserviceable stores	61,189	1	11			
Loss by auction sale of two horses	979	0	3			
Loss on account of articles found short at the time of taking inventory of Water Works stores, such as cast-iron pipes, apparatus, drilling tool, boring, &c...	21,108	0	6			
Loss on account of articles, rottened, missing, destroyed by fire, &c, such as road scraping machines, dust-bins, &c.	2,517	0	7			
Loss by sale of drainage stores to Contractors	1,895	9	0			
Loss on account of the revised valuation of the Water Works stores	18,180	6	3			
Loss on account of Deacon's meters taken over into stock as surplus in 1885 now written off as they are affixed to the public water mains and as their cost is shown under Water Works assets	1,15,689	0	0			
				2,21,558	2	6
For which sanction is now applied						
Already sanctioned by the Standing Committee and the Corporation. Loss on account of 7 bullocks died	505	7	10			
Loss by death of 98 bullocks	5,893	8	7			
Loss on account of 82 bullocks sent to Pinjrapole	4,915	9	5			
Loss on account of a horse sent to Pinjrapole	185	9	9			
				11,500	3	7
Carried forward... Rs.				2,33,058	6	1

				Brought over... Rs.	2,33,058	6 1
Deduct—						
Surplus articles on hand	72,039	13	8			
Dead stock, &c., charged to Budget and loan grants and taken as surplus in the Stock returns	87,701	9	0			
Live-stock charged to Budget grants...	31,545	0	0			
Profit on sale of drainage stores to Contractors	8,112	1	2			
Profit on sale of stores to private parties.	284	0	7			
Profit on account of revised valuation, sale, &c., of the Water Works stores...	31,165	7	8			
					2,30,848	0 1
				Net loss .....Rs.	2,210	6 0

I have, &c.,
SORABJI NAVAROJI COOPER,
Chief Accountant.

Resolved: "That letter No. 2125 A, dated 30th November last, from the Chief Accountant, be printed on the proceedings of this day's meeting and circulated, and that the consideration of the same be postponed till next week."

No. 5447.

Resolved : "That sanction be given to the cutting off of water connections as per lists accompanying the Commissioner's memoranda Nos. 14830 and 15209, dated respectively 11th instant and this day."

No. 5448.

Read memorandum No. 15088, dated 16th instant, from the Commissioner, forwarding for the information of the Committee copy of Government Resolution No. 6372, Judicial Department, dated 29th November last, according sanction to the payment of the charge of Rs. 37-15-0 on account of water supplied to the Harbour Police, as under :—

Letter from the Commissioner of Police, Bombay, No. 276—5, dated 15th January 1889—Forwards copy of a letter from the Accountant-General, No. P.A.-28729, dated 12th January 1889 ; and solicits sanction to the charge of Rs. 37-15-0 on account of water supplied to the Harbour Police by the Indian Government Dockyard from April to July 1888, as well as to similar future charges.

Memorandum from the Commissioner of Police, Bombay, No. 461—5, dated 23rd January 1889—Forwards copy of a correspondence that took place between his office and the Examiner of Marine Accounts, Calcutta, who states that the value of supplies of water from the Indian Government Dockyard, Bombay, were not charged for previously, as the cost of water drawn by the Dockyard was paid for and adjusted as a civil charge of the Bombay Government, and that the Imperial Marine has now to pay and bear the charge, and such being the case, water is treated in the same manner as other supplies obtained from the Dockyard and charged for accordingly.

Further memorandum from the Commissioner of Police, Bombay, No. 815—5, dated 7th February 1889—States that the water obtained from the Dockyard is supplied to the steam launch and to the officers and men on board the Police hulk, where it is conveyed in a boat.

Further letter from the Commissioner of Police, Bombay, No. 1510—5, dated 8th March 1889—Forwards copy of a letter from the Examiner, Marine Accounts, stating that the water supplied to the Police hulk and launches from the Indian Government Dockyard, Bombay, is charged for as noted in the margin; and states that the present arrangement for the supply of water cannot be improved upon.

Rs. 3 per 1,000 gallons, or „ 0-12-0 per ton of 250 gallons. } For supply from Dockyard pipe.

Rs. 6 per 1,000 gallons, or „ 1-8-0 per ton of 250 gallons. } For supplies by water-boat in Harbour.

Letter from the Municipal Commissioner for the City of Bombay, No. 913, dated 12th April 1889—States, in reply to Government letter No. 1524, dated 19th March 1889, that lake water is supplied at the rate of 8 annas per 1,000 gallons to all Police buildings within the City as to other Government Departments; that it is understood that both the Port Trust,* and Dockyard authorities make a considerable profit on the supply of water to the shipping, but that he has no accurate information on the subject. States further that at present he is not prepared to supply water in the Harbour, but that it may be necessary to consider whether the Municipality should keep water-boats of its own for this purpose.

* Charged respectively at the rate of 12 annas and 8 annas per 1,000 gallons.

Memorandum from the Marine Department, No. 364-M., dated 9th May 1889—Transfers, with reference to memorandum from this Department No. 2211, dated 25th April 1889, a letter from the Director of the Indian Marine, stating that the rates charged for water by the Dockyard are the same as those made by the Bombay Port Trust, and that he thinks they are fair when the outlay on pipes' repairs, hydrants, hoses, waste of water, the wages of men in charge, wear and tear of machinery in water-boat, wages of crew and up-keep, &c., of the vessel, are considered; stating further that the charges were reduced on 1st April 1888, from Rs. 2 to Rs. 1¼ per ton (of 250 gallons) in the case of water supplied to the shipping by the water-boat, and from Re. 1 to annas 12 per ton (of 250 gallons) in the case of water drawn from the Dockyard pipe; and observing that he knows no port where water is so cheaply supplied to the shipping as at Bombay. States that as the Director of the Indian Marine is directly under the orders of the Government of India, the Marine Department cannot interfere in the matter, and the only course open is for the Judicial Department to address the Government of India.

Letter to the Government of India, Home Department, No. 2996, dated 5th June 1889—Requesting a reduction in the charges on account of water supplied by the Indian Government Dockyard to the Police hulks and launches in the Bombay Harbour.

Letter from the Government of India, Home Department, No. 449, dated 8th July 1889—Requests to be furnished with information on the following points, namely, (1) the arrangement which was in force for the supply of water to the Police hulks and launches in question prior to the employment of the agency of the Dockyard and the rate per 1,000 gallons or per ton at which water was paid for under that arrangement, and (2) the arrangements that are made by the merchant shipping at Bombay for obtaining water, and the cost at which it is supplied to it.

Letter from the Commissioner of Police, Bombay, No. 4617—5, dated 6th August 1889—States, with reference to Government memorandum No. 3949, dated 29th July 1889, that the Dockyard has all along been supplying water to the Police hulks and launches in Bombay Harbour, and that it cannot be ascertained from the records of his office how water was obtained prior to the Agency of the Dockyard.

Memorandum from the Marine Department, No. 111-P.T., dated 12th August 1889—Transfers, with reference to memorandum from this Department, No. 3948, dated 29th July 1889, a letter from the Secretary, Bombay Port Trust, stating that the merchant shipping at Bombay is supplied with water by the Port Trust obtained from the Municipality under the arrangements specified.

Letter to the Government of India, Home Department, No. 4671, dated 3rd September 1889—Furnishing the information called for in their letter No. 449, dated 8th July 1889.

Letter from the Government of India, Home Department, No. 722, dated 22nd October 1889—States that it has been ascertained that the rates at which water is at present supplied to the Bombay Harbour Police barely cover expenses; that it has been represented to the Government of India that if one Department of Government is allowed the benefit of reduced rates, the concession will probably have to be extended to other Departments with the result of a possible loss in working; and that it is believed, moreover, that the cost of water supplied in Bombay compares favourably with similar charges in almost any other port in the world when the distances over which water has to be conveyed are considered. States further that having regard to these circumstances, the Government of India regret that they are unable to accede to the wishes of this Government in the matter.

RESOLUTION.—In the circumstances, sanction is accorded to the payment of the charge of Rs. 37-15-0 on account of water supplied to the Harbour Police by the Indian Government Dockyard from April to July 1888, and also to the payment of similar charges, in future. Budget provision should be made for this charge.—J. J. HEATON, Acting Under-Secretary to Government.

The Commissioner read his reply to this letter as follows :—

No. 14983 OF 1889-90.

BOMBAY, *13th December* 1889.

TO THE CHIEF SECRETARY TO GOVERNMENT,

GENERAL DEPARTMENT.

SIR,—With reference to Government Resolution No. 6372, in the Judicial Department, dated 29th ultimo, on the subject of the rate to be charged for water supplied to the Harbour Police, I have the honour to observe in order to avoid any future misunderstanding, that the charges made to the Dockyard must necessarily vary from time to time under the provisions of section 169 and 170 of the City of Bombay Municipal Act, 1888.

For instance, it is proposed that the minimum charge for water supplied through meter during the ensuing year, shall be 10 annas per 1,000 gallons.

It does not of course follow that this variation will affect the rate charged *by* the Dockyard, for, as the preamble to the Resolution shews, the Dockyard is now charging the same rate as the Port Trust for water supplied to shipping, though the Port Trust pays to the Municipality half as much again, *viz.*, 12 annas per 1,000 gallons instead of 8 annas, and still shows a good margin of profit on the transaction.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved : " That Government Resolution No. 6372, dated 29th November 1889, Judicial Department, on the question of charges for water supplied to the Harbour Police, forwarded by the Commissoner with his memorandum No. 15088, dated 16th instant, be *recorded.*"

No. 5449.

Before considering item No. 13, on the agenda paper, letter from Mr. Sorabjee S. Bengallee, C.I.E., regarding the levy of water rate and halalkhor tax, the Chairman took the sense of the Committee as to whether the reporters for the public press should be asked not to report the discussion, when it was decided by 4 votes against 1, that it should be left to the reporters to report the proceedings.

The Commissioner said, that so far as this particular case was concerned, this was the first he had heard of it. An appeal from any decision that he might come to must necessarily be to the Court of Small Causes. As the question was about to be discussed, he proposed to leave the meeting for the present as he would not like to take any course in this matter which might possibly be held to be prejudicial to Municipal interests.

Read the following :—

BOMBAY, *9th December* 1889.

To H. W. BARROW, Esq., Secretary, Municipal Corporation, Bombay.

SIR,—I am owner of a small property in Parsee Bazaar Street, Fort, No. 39, occupied as a shop with godown, on which water and halalkhor taxes have been charged to me, by the Municipality, although the property in question does not need and has never been supplied with Municipal water nor with halalkhor service.

No people reside or cook their food or sleep on the premises in question. After their day's work the shopmen shut up the place and retire to their own houses, in respect whereof all Municipal taxes including the two abovementioned are duly paid.

I have paid the amount of the water and halalkhor taxes under protest, and have applied for a refund thereof from the Assessor and Collector of Municipal taxes, who has, however, declined to refund them. The correspondence on the subject is herewith annexed for the information of the Corporation.

It will be observed from Mr. Brunton's reply that, under cover of sections 141 and 142 of the new Municipal Act, and of a judgment delivered in the Small Causes Court, the Commissioner claims the right to levy these water and halalkhor taxes in respect of a property, where neither water nor halalkhor service are used or required.

I beg leave to submit that the levy of these taxes in the manner and under the sections above referred to is not in accordance with the spirit and intention of the Municipal Act, and decidedly contrary to what was the public impression (when the Bill for the enactment was

under consideration) with regard to the intended working and application of the sections in question.

I think that, without doubt, the impression was that, whilst the Municipal Commissioner would be armed with powers to levy water and halalkhor taxes, so as to prevent any unfair evasion of those taxes, it was never contemplated that they should be levied in cases where neither water nor halalkhor services were used or required.

Nor do I think that such was the intention of the Act itself.

The procedure of the Municipal Commissioner in levying water and halalkhor taxes as in the present instance practically has the effect of transposing those particular taxes into a *general* tax.

But the Act (in section 140) makes special provision for a "*general tax*," and treats of the water and halalkhor taxes as *separate* taxes. From this it may fairly be inferred, that the Legislature never intended that those taxes should be converted into a *general* tax, or imposed in cases where no compensating advantage is derived, *or is capable of being derived.* For instance neither water nor halalkhor service would be of any advantage to my premises above referred to having regard to the use to which they are put.

By section 142 of the Act, it is provided in effect (clause 2) that halalkhor tax shall not be levied in respect of any premises in or upon which *in the opinion* of the Commissioner no polluted matter accumulates or is deposited. Certainly no such matter accumulates or is deposited on the premises to which I refer, and yet, under the authority of the legal decision before mentioned, the halalkhor tax is levied.

I do not think that the Corporation themselves at the time when they considered the draft Bill can have realised that the salutary provisions for protecting Municipal revenues embodied in sections 141 and 142 of the new Municipal Act would be so construed and applied as to inflict upon the public the burden of a further "general tax" in addition to the general tax already provided for by section 140 of the Act.

The question as regards myself personally is of small moment, and it is merely as a matter of form that I claim refund of the amount of water and halalkhor taxes exacted from me; but the principle at stake is, I consider, a matter of importance to the rate-paying public, and therefore I have ventured to bring it before the Corporation, trusting that the matter will receive due consideration at their hands, with the view of steps being taken to procure an amendment of the Act, if in the opinion of the Corporation such a step be necessary.—I have, &c., SORABJEE S. BENGALLEE.

BOMBAY, 11*th October* 1889.

To R. P. BRUNTON, Esq., Assessor and Collector of Municipal Taxes.

DEAR SIR,—Herewith I beg to hand you Bill No. 4429 for Rs. 43-6-6, which I have paid, as taxes from 1st April to 30th September 1889, on a shop with godown belonging to me in Parsee Bazaar Street, Fort.

The bill includes items for water and halalkhor taxes, together Rs. 19-9-8, which amount I think has been wrongly charged, and which I beg of you to refund, because the property in question does not need and has never been supplied with water or with halalkhor service.

I am aware that by the new Municipal Act, the Commissioner has the option to levy these taxes even if the services are not performed by the Municipality, should it appear to him fair to do so, in order not to deprive the Corporation of income which may otherwise be justly due. But with regard to the property in question no just cause exists for the levy of these taxes, as no people (not even a watchman) live or sleep on the premises.

If you will kindly visit the place, you will ascertain for yourself the correctness of the above representation, and will be able, I trust, to remit the amount above referred to.—I am, &c., SORABJEE S. BENGALLEE.

No. 2774 OF 1889-90.

BOMBAY, 23*rd November* 1889.

To SORABJEE SHAPOORJEE BENGALLEE, Esq., C.I.E.

SIR,—With reference to your letter, dated the 11th ultimo, I have the honour to inform you that the water and halalkhor taxes have been correctly charged and recovered under sections 141 and 142 of the new Municipal Act.

In the appeal cases heard by the Chief Judge of the Small Causes Court, he has held that the taxes in question are payable in respect of all properties irrespective of the fact as to whether or not there is a water connection on any premises, and whether or not, there is halalkhor service rendered to them or necessity for any such service.

Under the circumstances I regret that I am unable to make any refund in respect of the bill, which I beg to return herewith.—I have, &c., R. P. BRUNTON, Assessor and Collector.

No. 5325 OF 1889-90.

BOMBAY, 9*th December* 1889.

Forwarded to the Standing Committee for favour of remarks as per Corporation's Resolution, dated 12th December 1887.—H. W. BARROW, Municipal Secretary.

Proposed by Muncherjee N. Banajee, Esq., seconded by K. M. Shroff, Esq.—

No. 5450. "That the Commissioner be requested to furnish the Committee with information as to the circumstances under which he would exempt properties from the imposition of the halalkhor cess."

Carried.

No. 5451. *Resolved* : "That, in reply to his letter, dated 11th instant, stating that an encroachment has been made by one Mr. Ranchordas Govardhandas in Kumbartukda Lane, Mr. Bhiku Bachoba be informed that his letter has been forwarded to the Commissioner for disposal."

Considered further letter, dated 17th instant, from Cooverbai, widow of Jamsetji Jiwanji General, asking for an early reply to her letter of the 16th October last, regarding the alleged damage done to her house No. 63, Bomanji Lane, Fort, by the drainage operations thereat.

Resolved: "That letter, dated 17th instant, from Cooverbai, widow of Jamsetji Jiwanji General, regarding the alleged damage done to her property in Bomanji Lane, by drainage operations be forwarded to the Commissioner, in continuation of the Committee's Resolution No. 4481, dated 23rd October last, and that the applicant be informed accordingly."

No. 5452.

The Committee considered further correspondence with Messrs. Walsh, Lovett, Mitchell & Co., Contractors for the Tansa Duct Works. The resolution passed by the Committee thereon this day, is filed in the file of confidential papers No. 280 of 1885-86, kept by the Secretary.

Read letter, dated 6th instant, from Messrs. Mansukhlal, Damodar and Jamsetji, on behalf of Messrs. J. R. Thomson and Abdul Latiff Esmail, rate-payers and residents of New Foras Road, reminding the Committee of the necessity of providing a market thereat.

On the motion of the Chairman, seconded by K. M. Shroff, Esq., it was—

Resolved: "That, the Commissioner be asked to prepare an estimate of the cost of providing a market in Foras Road. That the applicants be informed accordingly."

No. 5453.

Considered memorandum No. 14577, from the Commissioner, forwarding the Health Officer's Report for the 2nd quarter of 1889.*

On the motion of the Chairman it was—

Resolved: "That the Commissioner be requested to arrange for a District Return of Mortality being appended to each quarterly Report of the Health Officer, and that the mortuary diagram hitherto published in accordance with Resolutions of the late Town Council Nos. 527 and 585 of 1885-86, be discontinued, and that the quarterly Report be passed on to the Corporation."

No. 5454.

Considered the Progress Reports up to the end of October last, of new works now in course of construction.†

Resolved: "That Progress Reports up to the end of October last of new works now in course of construction be *recorded*."

No. 5455.

The consideration of the following was further postponed:—(1.) Resolution of the Corporation No. 4664, dated

* *See* Appendix A. † *See* Appendix C.

30th October last, regarding the cost of making a new road from Love Lane through Rose Cottage Lane to Matharpakadi. (2.) Further report by Mr. Tomlinson, No. 4854, dated 2nd instant, on the Pawai Water Scheme.

No. 5456. *Resolved* : "That, with reference to his undated letter received on the 10th instant, Mr. J. J. De Almeida be informed that if he has any complaints to make in regard to the cleaning of his cesspools or the drainage of his houses at Matharpakadi, he should address himself to the Municipal Commissioner."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for two weeks ending 8th and 15th December 1889.*

The following return was read and *recorded* :—

Return of fires at Parel (Gas Works), Haines Road, Parel Tank Road, Supari Bag Road, Parel and Paidhoni, forwarded with the Commissioner's memoranda Nos. 14673 and 15046, dated respectively 9th and 14th December 1889.†

No. 5458. *Resolved* : "That the list of Municipal employés asked for by the Committee on the 2nd January last, and forwarded by the Commissioner on the 20th November last be *recorded*."

No. 5459. *Resolved* : "That the following be *recorded* :—Letter No. 15180, dated 17th instant, from the Commissioner, reporting the sale of right to cut grass from 1st January 1890 to 31st December 1890, as under:—

(1.) From the Municipal land near the cooling reservoir at the Love Grove Pumping Station and from the compound of Mr. Varjivandas Madhowdas's bungalow at Love Grove, Rs. 35. (2.) From the sides of open main drain between Arthur Road and Clerk Road, and on the banks of the storm-water reservoir at Mahalakshmi (except the Vellard), Rs. 615."

No. 5460. *Resolved* : "That, as recommended by the Commissioner in his letter No. 15184, dated 17th instant, and consequent on the heavy advance of the price of iron in England, sanction be given to the charging of Rs. 105 per ton of straight cast-iron pipes in lieu of the rate of Rs. 90 per ton, as sanctioned by the Committee in their Resolution No. 2898, dated 7th August last."

---

* *See* Appendix **B**. † *See* Appendix **D**.

Resolved : "That, with reference to letter No 15186, dated 17th instant, from the Commissioner, sanction be given, under section 90 of the Municipal Act, to the purchase from Government of 267·16 square yards of land or thereabout, on the west of Nepean Sea Road, shown in blue colour in the tracing* accompanying the Commissioner's letter, at the rate of Re. 1 per square yard.

No. 5461.

"That the Corporation be recommended to sanction an arrangement with the executors of the will of the late Mr. Nasarwanji Kavasji Vachaghandi, by which in exchange for said plot of land they give up and convey to the Corporation a plot of ground admeasuring 161·10 square yards or thereabout, situate to the north-east of the first mentioned plot (shown in green colour in the said tracing), the land so conveyed to the Corporation being required for the improvement of the road thereat."

Resolved: "That the following be *recorded* :—Letter No. 8448, Political Department, dated 18th instant, to the Secretary, as under :—

No. 5462.

SIR,—I am directed to acknowledge the receipt of your letter No. 5153, dated the 27th of November 1889, pointing out that the name of the Chairman of the Standing Committee was omitted from the notification No. 7278, dated the 4th November, regarding the arrival in Bombay of his Royal Highness Prince Albert Victor of Wales, and requesting that orders may be issued to prevent the omission on future similar occasions.

2. In reply I am to state that the notification referred to was in accordance with precedent, but the Governor in Council will be glad to meet the wish of the Standing Committee in future.—I have, &c., J. MONTEATH, Acting Secretary to Government."

Resolved : "That, as proposed by the Commissioner in his letter No. 15218, dated this day, sanction be given to the acceptance by him of Messrs. Framjee and Jivanji's tender,—lowest of 4 tenders received —for laying 48" main from the Pawai Reservoir to the Pumping Station and works in connection therewith, at rates aggregating approximately Rs. 26,450."

No. 5463.

Read letter No. 15213, dated this day, to the Secretary, as under:—

SIR,—The Town Council in their Resolution No. 1196, dated 17th November 1886, sanctioned Rs. 7 per square yard for a piece of ground at French Road (Chowpati) plus Rs. 466-14-3, as compensation for compound wall and trees though the party asked for Rs. 10 per square

* Marked A, dated this day, and filed in supplement to Minute Books for 1889-90.

yard. The ground was added to the road on the 30th September 1889. He claims compensation at the rate of Rs. 20 per square yard plus Rs. 1,000 as compensation for the compound wall and trees.

On 11th July 1889, I offered him Rs. 10 per square yard plus Rs. 596 as compensation. This offer he refused, but subsequently he informed my office verbally that he would accept Rs. 15 per square yard plus Rs. 600 as compensation for wall and trees.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved: "That the offer of Rs. 10 per square yard made by the Commissioner in July last, to Mr. Motabhai Raghunathji, for the 251·06 square yards of ground, or thereabout, taken from his land at French Road, Chowpati, for the improvement of the roadway thereat, together with Rs. 596 as compensation for compound wall and trees, be adhered to."

No. 5464.

Item No. 20 (List of Municipal employés) of the list of "Outstanding Business" (1st December 1889) was *struck out* as the matter therein referred to was disposed of at this day's meeting.

It was decided that, as the Christmas holidays extend from Tuesday, the 24th instant, to Thursday, the 2nd January 1890, both inclusive, the next meetings of the Committee be held on Monday, the 23rd instant, at 2 P.M. and at 3 P.M., on Friday, the 3rd January 1890.

BOMBAY, *23rd December* 1889.

AT the Meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman*.

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.I.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The signing of the minutes of the Meeting held on the 18th instant, was postponed.

Resolved: "That, as applied for by the Commissioner in his memorandum No. 15273, dated 19th instant, sanction be given under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

No. 5566.

Name of Owner.	Where.
Mr. Fazul Aladin	... Building at Nos. 629-631, Dongri Street."

The seal of the Corporation was affixed to 959 debentures of the Tansa Water Works Loan of the value of

Rs. 6,19,000—Nos. 17912-17941, both inclusive, of Rs. 1,000 each, Rs. 15,000; Nos. 14927 to 15226, both inclusive; Nos. 15321 to 15351, both inclusive; Nos. 16845 to 16894, both inclusive; Nos. 17509 to 17911, both inclusive; Nos. 14501 to 14526, both inclusive; Nos. 18230 to 18279, both inclusive, of Rs. 500 each, Rs. 4,30,000; Nos. 16685 to 16744, both inclusive, of Rs. 1,500 each, Rs. 30,000; Nos. 17942 to 18029, both inclusive, of Rs. 1,000 each, Rs. 44,000; and Nos. 18030 to 18229, both inclusive, of Rs. 5,000 each, Rs. 1,00,000.

The consideration of the following was postponed till next meeting :—

Memorandum No. 14935, dated 12th instant, from the Commissioner, asking the Committee to recommend the Corporation to sanction the writing off of Rs. 2,21,558-2-6, being difference between the book value and sale proceeds, &c., &c., of the unserviceable, perishable, live and dead stock of the different departments of the Municipality.

No. 5567. *Resolved* : "That, with reference to memorandum No. 15272, dated 19th instant, from the Commissioner, sanction be given under section 517 (*h*) of the Municipal Act, to the settlement, on the following terms, of the suit, filed in the High Court against the Municipality by Mr. Jamnadas Gigabhai and others, the trustees of the charities of the late Hargovan Anandji Desai, for an injunction to restrain the Municipality from pulling down property Nos. 19-27, Pinjrapol Street."

"That the suit be set down for dismissal as settled, on the understanding that the Commissioner will not insist on his right, under section 351 (2) of the Municipal Act, to remove, alter or pull down the work which was illegally and improperly executed by the plaintiffs without notice, and that the plaintiffs pay Rs. 100 on account of the costs incurred by the Municipality in this case."

No. 5568. *Resolved* : "That, as proposed by the Commissioner in his letter No. 15502, dated this day, sanction be given to contract being entered into with Messrs. Warden & Co., Agents for Messrs. Francis & Co., for the supply of Nine Elm's cement for water works and for drainage works at Rs. 9-4-0 per cask of 3½ cwts."

Resolved : "That, as recommended by the Commissioner in his memorandum No. 15265, dated 19th instant, sanction be given to the addition of the item of water fittings of the value of Rs. 809-2-0, or thereabout, being made to the schedule of contract with Messrs. John Fleming & Co. sanctioned by the Standing Committee in their Resolution No. 5524, dated 19th December 1888."

No. 5569.

Resolved : "That, as applied for by the Commissioner in his memorandum No. 15485, dated 21st instant, sanction be given to the payment of a compassionate allowance of Rs. 761-12-0 to Thackoobai, widow of Jaganath Vithoba Mistri, of the Engineer's Department, the amount which was granted to Jaganath Vithoba, but which has lapsed consequent on his death."

No. 5570.

Resolved : "That, with reference to their Resolution No. 5541, dated 19th December 1889 (on the question of the fees payable to Mr. F. W. Stevens for preparing estimates of the cost of extra works in connection with the new Municipal Office buildings) the Corporation be informed that Mr. Stevens states that the fees chargeable will be as follows:—

No. 5571.

For preparing the requisite designs, drawings [plans, elevations and sections], general description, &c.....	1¾ per cent.
Preparing detailed quantities and estimates	1½ per cent.
Specifications, duplicate working and detailed drawings and instructions for execution.....	2 per cent.
General supervision and superintendence of work [exclusive of clerk of works, &c.] examining and passing accounts..	1¼ per cent.

"And that Mr. Stevens is unable to name a lump sum for his professional services for this work, having no means of ascertaining the labour or cost of the same."

Considered again (1) letter, dated 12th August last, from Mr. Lakshmikant Ramchandra, regarding the insanitary condition of Zaoba's oart; (2) petition, dated 25th August last, to the President of the Corporation from Messrs. Lakshmikant Ramchandra, Venkatesh Mahadeo Kelkar and others on the same subject; (3) petition, dated 28th August, to the Chairman, Standing Committee, from the above gentlemen on ditto; (4) further letter, dated 22nd October last, from ditto.

Read memorandum No. 15264, dated 19th instant, from the Commissioner, forwarding reports from the Acting Executive Engineer and the Health Officer on the above subject.

Resolved: "That the Corporation be recommended to
No. 5572. inform Messrs. Lakshmikant Ramchandra, Venkatesh Mahadeo Kelkar and other residents in Zaoba's oart, that the house sullage connections in the oart have now been taken in hand and will be finished about the end of January next. As the oart is a private one the owners must themselves provide lights and privy accommodation. The drains are also private and can only be cleaned by the Health Department on a requisition from the owners.

"That the petitioners be informed with reference to their applications to the Standing Committee, dated 12th and 28th August last, that the Committee have made the above recommendation to the Corporation."

It was agreed that the consideration of the following be postponed until the Commissioner has reported on a similar letter from Mr. Sorabji S. Bengallee, C.I.E. :—

(1.) Letter, dated 19th instant, from Mr. Lakhamsi Napu, asking that water-rate and halalkhor cess paid by him in respect of his godown, Ward Nos. 4741, 4743, 4747 (2), Street No. 77, Argyll Road, may be refunded. (2.) Ditto. 21st idem, from Messrs. Sumnaji Jeelaji and others, ditto godown, Ward No. 5438, Street No. 37, Argyll Road, ditto. (3.) Ditto from Mr. Dewraj Kastur Talaksi, ditto Ward No. 5294, Street No. 98J, Kurla Street, ditto. (4). Ditto from Mr. Nowla Fultá, ditto Ward Nos. 4748, 4755, 5488, 5489, Street Nos. 91, 99, 27, 29, Argyll Road, ditto.

Read letter, dated 18th instant, from Mr. Byramjee Jeejeebhoy, C.S.I., with reference to the anticipated failure of the Vehar Lake supply, suggesting that no water should be allowed to be used for garden purposes, road watering and similar other uses except for domestic purposes until provision is made for a better supply.

Proposed by Thomas Blaney, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That Mr. Byramjee Jeejeebhoy, C.S.I., be thanked for
No. 5573. his letter, dated 18th instant, and that it be *recorded*."

Carried.

The consideration of the following was further postponed:—
Resolution of the Corporation, No. 4664, dated 30th October last, regarding the cost of making a new road from Love Lane through Rose Cottage Lane to Matharpakadi.

Read report No. 4854, dated 2nd instant, by Mr. Tomlinson on the Pawai water scheme forwarded by the Commissioner under his memorandum No. 14389, dated 9th idem.

On the proposal of the Chairman, it was agreed that the further consideration of the report be postponed until Major Selby's motion regarding the survey of Ewoor and Kenery has been disposed of by the Corporation.

The following return was read and *recorded* :—

Return of fires at Kamathipura 6th Street and Hansraj Lane (Love Lane), forwarded with the Commissioner's memorandum No. 15294, dated 9th December 1889.*

No. 5575. *Resolved* : "That, with reference to clause 29 of the contract for the Queen's Road and Girgam Drainage Works, and as desired by the contractors, Messrs. Bulkley & Co., in their letter of the 12th November last, sanction be given to the investment in Government Paper of even thousands over a minimum of five thousand of the amount of 10 per cent. deductions from the contractors' monthly certificates of work done in connection with the construction of Queen's Road and Girgam Drainage Works."

No. 5576. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 15503, dated this day, sanction be given, under section 305 of the Municipal Act, 1888, to the service of notices on the owners of several premises fronting, or adjoining or abutting on the private lane, called old Hanuman Cross Lane, requiring them to level, metal or pave, drain and light the said lane as the Commissioner shall direct.

"That, in respect of the underground drainage, the Commissioner be asked to proceed under Sections 231 and 260 of the Act."

No. 5577. *Resolved* : "That, as proposed by the Commissioner, the Corporation be recommended to sanction the purchase of plots of land to the north of and adjoining the Victoria Gardens, containing approximately about 60,000 square yards at rates not exceeding Rs. 3 per yard for the improvement and extension of the Gardens. The surplus portion of this ground to be resold or otherwise disposed of to the best advantage of the Municipality, and the cost to be met by advances from available balances to be adjusted hereafter as may be decided by the Corporation."

* *See* Appendix D.

BOMBAY, *3rd January* 1890.

AT the meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZALBHOY VISRAM, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The signing of the minutes of the meeting held on the 23rd ultimo, was postponed.

No. 5751. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 15513, dated 23rd ultimo, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

Name of Owner.	Where.
Hadji Salay Mahomed Partab.....	Building at Nos. 1-3, Manekji Street, Colaba."

The seal of the Corporation was affixed to 376 debentures of the Bombay Tansa Water Works, namely, 301 of the value of Rs. 500 each, Nos. 15400 to 15700, both inclusive; 50 of the value of Rs. 1,000 each, Nos. 16745 to 16844, both inclusive; 25 of the value of Rs. 2,000 each, Nos. 16895 to 16994, both inclusive; of the aggregate value of Rs. 2,50,500.

No. 5752. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 15461, dated 20th ultimo, the cost, sanctioned by the Standing Committee in their Resolution No. 4895, dated 20th November last, of 13 stand-pipes, including 2 Morris' patent couplings and 300 feet ladders for the Fire Brigade, be increased from Rs. 50 to Rs. 85 each, and from Rs. 3 to Rs. 3-8-0 per foot, respectively."

No. 5753. *Resolved* : "That, as applied for by the Commissioner in his letter, No. 15672, dated 31st ultimo, sanction be given to the transfer of Rs. 1,125 from savings in Section I., Establishment, and Section II., Contingencies and Stores (feed of animals), A, Victoria Gardens, Public Gardens Budget, to Section IV., Repairs and New Works (Roads), same head, same Budget, to meet the cost of making new roads on the site of the old quarry hole in the Victoria Gardens."

The consideration of the following was further postponed :—Memorandum No. 14935, dated 12th December 1889, from the Commissioner, asking the Committee to recommend the Corporation to sanction the writing off of Rs. 2,21,558-2-6, being difference between the book value and sale proceeds, &c., &c., of the unserviceable, perishable, live and dead stock of the different departments of the Municipality.

No. 5754. *Resolved* : "That the Corporation be recommended to sanction the writing off of Rs. 1,150-4-8, from the Live Stock Return of the Health Department, being the book value of 18 bullocks that died and 1 that was destroyed, total 19, during the quarter ending 31st August 1889." *

The consideration of the proposal of the Commissioner to take over, for the gratuitous use of the inhabitants, and declare public, cattle trough and drinking fountain at Naigam Road from Mr. Hormasji Limjibhai Batliwala, was postponed, at the request of the Commissioner, till next week, to allow of his making inquiries as to the disposal or otherwise of the old cattle trough adjacent to the new trough and fountain.

No. 5755. *Resolved* : "That the statement showing the houses or portions of houses which fell during the months of October and November last, forwarded by the Commissioner under his memorandum No. 15549, dated 23rd ultimo, be *recorded*."

The consideration of the resolution of the Corporation, No. 4664, dated 30th October last, regarding the cost of making a new road from Love Lane through Rose Cottage Lane to Matharpakadi, was further postponed till next week.

No. 5756. *Ordered* : "That the following be laid on the table :—Letter, dated 21st ultimo, from Messrs. Ardasir Framji Moos and Nanabhai Rastomji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for the month of November last, and compared them

* *Causes of death.*—8 Old age and general debility, 2 flatulent colic, 1 from effects of horn, 1 disease of horn and general debility, 2 inflammation of heart and general debility, 1 abscess in the liver, 1 rinderpest, 1 abscess in the spleen and general debility, 1 inflammation of heart, lungs and kidney, 1 destroyed. Total died and destroyed, 19 bullocks. *Locality where invalidating took place.*—14 Sankli Tank Hospital, 2 C. ward stable, 1 D. ward stable, 1 G. ward stable, 1 destroyed—Total 19. Annual percentage of the loss on the whole strength of bullocks 4·2.

with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 22nd December 1889.*

The following return was read and *recorded* :—

Return of fires at Khetwadi 1st Lane and Dharavi Koliwada, forwarded with the Commissioner's memoranda Nos. 15467 and 15653, dated respectively 24th and 31st December, 1889.†

Resolved : " That the following be *recorded* :—Letter No. 5758. No. 15637A, dated 24th ultimo, from the Commissioner, reporting the sale of right to cultivate a portion of the Flats at Clerk Road for Rs. 1,325, in addition to that already leased to Messrs. Sugaji Ramji and Tukaram Daji, from 8th July to 31st December last."

Read letter No. 13995, dated 23rd November 1889, from the Commissioner to Messrs. Walsh, Lovett, Mitchell & Co., as under :—

GENTLEMEN,—You are already aware of the reasons which have prevented me from giving a definite reply to your letter of the 24th ultimo. The Standing Committee, without whose approval I am not legally in a position to make any material modification in the terms of your contract, and who for any enhancement of rates that will necessitate a large additional grant must apply for the further sanction of the Corporation, authorize me to say without prejudice to our present contract rights that they are prepared in the present circumstance of the case to recommend the Corporation to sanction a concession in the terms subjoined, provided that you intimate to me in writing by noon on Wednesday next, your readiness to accept the said terms. These terms will, if accepted by you, be then submitted for the approval of the Corporation with whom the final decision must rest. The Standing Committee, however, do not see any advantage in troubling the Corporation with the matter unless they know that the modified agreement is one into which you are prepared to enter. In any case the Committee will not propose an enlargement of the scope of the concession, and in default of this settlement being adopted, our only course will be to adhere strictly to our present contract conditions.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Read also No. 15699, dated this day, from the Commissioner, forwarding letter No. 2901, dated 2nd idem, from Messrs. Walsh, Lovett, Mitchell & Co., to himself as under :—

SIR,—Owing to the serious illness of our Manager Mr. Hall, we have been unable to reply sooner to the letter of the Executive Engineer,

* *See* Appendix B. † *See* Appendix D.

Tansa Water Works, enclosing a copy of the resolution of the Standing Committee passed on the 5th December last, from which we regret to find they decline to make any deviation from the terms of the proposal made to us in your letter No. 13995, dated 23rd November 1889.

We shall be obliged if you will inform the Standing Committee of our acceptance of these terms and have the matter laid before the Corporation for its sanction at as early a date as possible. As soon as such sanction has been given, we shall be glad if you will have the draft agreement embodying the proposed terms prepared and sent to us for approval by our Solicitor.—We have, &c., WALSH, LOVETT, MITCHELL & Co.

Resolved : "That copy of Mr. Ollivant's letter No. 13995, dated 23rd November 1889, to Messrs. Walsh, Lovett, Mitchell & Co., the Contractors for the construction of the Tansa Water Works duct, be forwarded to the Corporation.

No. 5759.

"That the Corporation be recommended to approve and sanction the following agreement being entered into with Messrs. Walsh, Lovett, Mitchell & Co. :—

"That, in view of the works being so far duly completed by them to the satisfaction of the Engineer as to be fully available for delivering the Tansa water into the Vehar Lake by 1st March 1892, and on condition that they be so completed but not otherwise, the following modifications and alterations of the terms embodied in the existing contract shall take effect :—

"1. The penalty clause to be waived.

"2. The provisions as to bonus applicable to tunnels under clause 17A of the existing contract shall, in so far as completion of tunnels prior to 1st January 1891 is concerned, be abrogated and in lieu thereof shall be made applicable (*mutatis mutandis*) to completion of the whole works to the extent aforesaid for any complete month or months prior to 1st March 1892.

"3. In respect of work remaining to be done on 1st November 1889—

If and as long as the Contractors carry on the works in conformity with such scale of progress as the Engineer shall prescribe as necessary to attain such completion, they shall monthly, as the

work proceeds, be paid extra rates upon the items and according to the particulars noted below, *viz*:—

Description of Work.	Present contract rate.		Extra rate in addition to present contract rate.	
	Rate.	Per	Rate.	Per
	Rs. a. p.		Rs. a. p.	
Excavation for conduit got with blasting	4 12 0	100 c. ft.	2 4 0	100 c. ft.
Uncoursed masonry in conduit ...	27 6 0	„	3 10 0	„
Cement pointing	6 8 0	„	2 8 0	„
Concrete	19 12 0	„	4 4 0	„
Cement plaster	8 0 0	100 s. ft.	2 0 0	100 s. ft.

"4. In respect of work executed prior to 1st November 1889 :—

The extra rates provided for by the last preceding clause shall be made retrospective, and the sum representing such extra rates as applied to this work shall become payable and be paid immediately after such due completion; provided, however, that an advance on account thereof to the extent of Rs. 1,20,000 may be made to the contractors upon the security of their entire plant by mortgage or otherwise as the Solicitors to the Corporation may advise, and to be recoverable from such security in case of non-completion as aforesaid by 1st March 1892.

"That, save as aforesaid, the provisions of the existing contract remain in full force."

The Chairman intimated that he will give notice of intention to move, at a meeting of the Corporation to be held on the 9th instant, that the above terms with Messrs. Walsh, Lovett, Mitchell & Co., be sanctioned.

Read Progress Report of Pawai Water Works for December 1889, as under :—

"1. *Land.*—The Resolution of Government sanctioning the acquisition of 485 acres required for the Reservoir and Dam Works by the Land Aquisition Act was published on the 3rd December, and the notification required by the Act followed on the 5th instant. The land was taken

possession of at noon on the 24th December, and work was immediately commenced. A further application has been made to Government for an area of 43 acres required for the pipe lines, engine houses and necessary works. Meanwhile a strip required for pipe laying has been entered upon under section 267 of the Municipal Act.

"2. *Dam.*—The contract was let on the 4th instant to Messrs. Hirji and Raoji at schedule rates aggregating Rs. 66,307 against the estimated Rs. 81,420. Work was commenced on the 24th instant, and favourable progress has been made with the excavations for foundations ; the building materials are being delivered on the site.

"3. 48" *Pipes.*—The 48" pipes required are all ready at the Kurla Depôt where the pipe-laying Contractors will take charge of them.

"4. *Pipe-laying and formation of roads.*—The contract was let to Messrs. Framji and Jiwanji on the 18th instant at schedule rates, aggregating Rs. 26,450 against the estimate of Rs. 30,275. Work was commenced on the 25th instant, and the excavation has made favourable progress.

"5. *Engines and Boilers.*—Messrs. Simpson & Co., the Engineers, dispatched foundation plans on the 29th November from London, and although they had previously no drawings or patterns for this size of Engine, they had the first work in the foundry on the 5th December, and on the 12th had commenced work in the fitting shop. Arrangements have been made for the shipment of the 2 boilers in different steamers.

"The preparation of designs for engine houses, chimney, pump wells, &c., is well advanced.—S. TOMLINSON, Deputy Executive Engineer, Water Works."

Read also memorandum No. 15723, dated this day, from the Commissioner forwarding the above for the information of the Committee.

Recorded.

Resolved : "That, as verbally applied for by him, the Commissioner be authorised to enter into a contract with Messrs. Richardson & Cruddas, for carrying from Bombay to Pawai the pumping machinery required for the Pawai Water Works, for erecting the said machinery at Pawai, and for constructing the sheds and buildings appurtenant thereto, at an aggregate

No. 5760.

cost approximately of Rs. 44,000, it being understood that Messrs. Richardson & Cruddas will undertake all responsibility in connection with the machinery from the point at which Messrs. Simpson & Co.'s liability ends up to that at which the machinery may be made over to the Municipality duly erected and in good working order, Messrs. Richardson & Cruddas making their own arrangements for satisfying themselves that the plant is in good condition when taken over from Messrs. Simpson & Co., it being also understood that the erection is to be completed within six weeks from the receipt by Messrs. Richardson and Cruddas of the last instalment of machinery.

"That, under the provisions of section 72 (3) of the Municipal Act, the Commissioner be authorised, having regard to the particular work to be executed, and the desirability of making arrangements without delay, to enter into this contract with Messrs. Richardson and Cruddas without inviting tenders for the performance of the work in question."

Read letter, dated this day, to the Chairman from Mr. Abdula bin Ali Saheb Kur, forwarding copy of a letter addressed to the President of the Corporation by Suni Mahomedans of Bombay, on the question of burial places, and requesting that the same be laid before the Committee appointed by the Corporation to report on the subject.

Resolved: "That, with reference to his letter, dated this day, Mr. Abudula bin Ali Saheb Kur be informed that the Standing Committee will await the decision of the Corporation on the subject of the petition."

No. 5761.

BOMBAY, 8*th January* 1890.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the special meetings held on the 5th, 7th and 9th ultimo, and of the ordinary meetings held on the 11th, 18th and 23rd idem and 3rd instant, were signed.

Resolved : "That the following *be recorded* :—Memo-
No. 5853. randa Nos. 15916 and 15919, dated 6th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee No. 4484, dated 3rd October 1888, the transfers of Rs. 2,00,000, from the Tansa Loan deposit account No. 1 to the Municipal General Fund pass book, on the 19th ultimo and 3rd instant."

Resolved : "That, as recommended by the Commissioner
No. 5854. in his memorandum No. 15917, dated 6th instant, the rate for the 3·36 square yards of ground, or thereabout, taken up from Mr. Pestonji Merwanji Bharucha for the improvement of Kamathipura 9th Street, be increased from Rs. 5 to Rs. 10 per yard."

Resolved : "That, under the circumstances mentioned
No. 5855. in the Executive Engineer's letter No. 16527B, dated 6th instant, and as asked for by the Commissioner in his memorandum No. 15919, dated the same day, the Standing Committee assent to the Commissioner's disapproving of the erection of a building by Mr. Jadhowji Pardhan, on the north-east of Agripada Road, shown on the tracing accompanying the Executive Engineer's above-mentioned letter, as the position and direction of the streets likely to be required in the future thereat, have not yet been laid down or determined."

The seal of the Corporation was affixed to 416 debentures of the Tansa Water Works, namely, 247 of the value of Rs. 500 each, Nos. 15352 to 15399, both inclusive, and Nos. 15701 to 15899, both inclusive ; 100 of the value of Rs. 1,000 each, Nos. 17309 to 17508, both inclusive ; and 69 of the value of Rs. 5,000 each, Nos. 15995 to 16684, both inclusive ; of the aggregate value of Rs. 5,68,500.

It was agreed that the following be referred back to the
No. 5856. Commissioner for further report :—Memorandum No. 14935, dated 12th December 1889, from the Commissioner, asking sanction to the writing off of stock, &c., of the different departments of the Municipality.

The consideration of the proposal of the Commissioner to take over from Mr. Hormasji Limjibhai Batliwala, and declare public, cattle trough and drinking fountain at Naigam Road, was further postponed.

Considered again resolution of the Corporation, No. 4664, dated 30th October 1889, as under :—

"That, as applied for by the Commissioner in his letter No. 12025, dated 16th October 1889, sanction be given, under Section 291 of the Municipal Act, to the laying down of the line of a new road running from Love Lane through Rose Cottage Lane to Matharpakhadi, as shown in red lines in the plan accompanying the Commissioner's above letter.

"That the Standing Committee be requested to report to the Corporation on the financial portion of the proposal so far as the expenditure out of Municipal funds is concerned."

Read memorandum No. 16309, dated this day, from the Commissioner, to the Secretary, as follows :—

"*First.*—It is proposed to acquire land between the points B, C, E, D, as shown in tracing for constructing at Municipal expense a good road 40′ in width, with frontages on the north side thereof (100 feet in depth as shown in yellow), instead of the present Rose Cottage Lane, connecting Matharpakadi Lane and Mount Road. The total area to be acquired is 15,822 square yards representing a value at Rs. 3 per square yard of Rs. 47,466. Of this area, 11,555 square yards will be available for resale when the road is made. The cost of the construction of the road is estimated at Rs. 8,132 (exclusive of the cost of sewerage and lighting).

"*Secondly.*—It is proposed to reserve the strip between points A and B also, 40′ in width, to form a new road connecting Mount Road and Parel Road joining the latter at the north end of the Byculla Bridge. It is not proposed at present to incur any expenditure on this portion, but merely to take action under Section 348 of the Municipal Act, so that there may be no danger of buildings being erected on the site of the future road : and for this reservation the sanction of the Corporation has already been obtained.

"With regard to this portion it may be desirable to apply the principle already approved on another occasion, *viz.*, that when the owners of adjoining properties consent to give up the land required for the road free of charge only the road space should be acquired and the road constructed at Municipal expense, the owners being left in undisturbed possession of the frontages thus formed, but that when the Corporation have to pay for the cost of land required for the road then they should also acquire the frontages to recoup the public for the outlay.—E. C. K. OLLIVANT, Commissioner."

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

No. 5857. "That, with reference to their Resolution No. 4664, dated 30th October last, the Corporation be informed that the estimated cost of constructing the road from Mount Road to Matharpakhadi *via* Rose Cottage Lane, shown on the plan attached to the Commis-

sioner's letter No. 16309, of this day's date, at B, D to C, E, is as follows :—

"Cost of 15,822 square yards of land, or thereabout, as site for road, 40′ in width, with frontages on the north side thereof, one hundred feet in depth (as coloured in yellow on the plan), at Rs. 3 a yard, Rs. 47,466 ; cost of construction of road Rs. 8,132—total Rs. 55,598.

"That of the above area, 11,555 square yards will be available for resale when the road is made.

"That the Standing Committee are unable to recommend the Corporation to incur the cost of making the proposed road at present."

Amendment, proposed by Colonel Merewether, seconded by K. M. Shroff, Esq.—

"That the Corporation be recommended to sanction the cost of the purchase of land required for the construction of road in place of the present Rose Cottage Lane from Mount Road to Matharpakhadi with frontages 100 feet in depth on the north side of the road.

"That no expenditure be incurred for the present in regard to the continuation of the proposed road from Mount Road to the Parel Road."

On a division, there were 4 votes *for*, and 6 votes *against*, the amendment, which was *lost*.

The original motion was *carried* by 6 votes *against* 1.

No. 5858. *Resolved* : "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 16302, dated this day."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for two weeks ending 29th December 1889 and 5th January 1890.*

The following return was read and *recorded* :—

Return of fires at Ripon Road and Sewri, forwarded with the Commissioner's memoranda Nos. 15884 and 15889, dated 6th December 1889.†

No. 5860. *Resolved* : "That, as proposed in his letter No. 16310, dated this day, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Tukaram Vithoba and Co., for the supply, during

* *See* Appendix B. † *See* Appendix D.

the year 1890-91, of hay at Rs. 8-11-0 per 1,000 lbs., green grass at Rs. 4-15-0 ditto, rice straw at Rs. 7-13-0 ditto.

"That sanction be also given to the acceptance of the tender by the Commissioner of Mr. Ramji Bapubhai for the supply of grain, oil-cake and salt during the year 1890-91, at the following rates per 1,000 lbs. :—

"Urid, Rs. 37-4-0 ; gram, Rs. 35-15-0 ; oil-cakes, Rs. 43-0-0 ; matra, Rs. 29-0-0 ; bran, Rs. 17-0-0 ; salt, Rs. 41-0-0 ; rice, Rs. 29-0-0 ; and barley, Rs. 31-0-0."

The Commissioner informed the Standing Committee that application has been made to him for permission to erect on the land acquired recently for the extension of the Victoria Gardens, a musical merry-go-round ; the right or lease to be for three years.

Proposed by Mulji Bhawanidas Barbhaya, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

"That, subject to sanction being accorded by the Corporation to the acquisition of ground to the north of the Victoria Gardens for the improvement and extension of the gardens, sanction be given to the Commissioner's entering into a lease with the owner of a musical merry-go-round for the exhibition and maintenance thereof in the gardens for a period not exceeding three years, at a nominal rental."

No. 5861.

Carried (with one dissentient).

After discussion it was—

Resolved : "That, as applied for by the Commissioner, the Corporation be recommended to approve of the following receipts and disbursements being credited to a separate heading in the Municipal accounts, as provided by Section 121 of the Municipal Act of 1888:— All grants made by the Corporation for the maintenance of the Victoria Gardens and the zoological collection therein, as well as all fees for admission, all donations, subscriptions or gifts to the gardens, and the zoological collection, and all garden receipts (sale of plants, flowers, leaves, fruits, &c., &c.) ; and that the expenditure on the gardens and collection be debited to such fund alone."

No. 5862.

Resolved : "That, with reference to their Resolution No. 1507, dated 17th June 1889, the Corporation be recommended to modify the terms thereof so as to permit of the admission of visitors to the Victoria Gardens on Sundays on payment of a fee of four

No. 5863.

annas each, as on Saturday, after 4 p.m., and that children up to ten years of age be admitted at half price.

"That donors of Rs. 150 each shall be life ticket holders and entitled to free admissions for themselves and two other persons in respect of each such payment of Rs. 150, but that the life tickets be not transferable."

Read letter No. 16308, dated this day, from the Commissioner to the Secretary as follows:—

SIR,—Bai Perozbai, by her Architect Mr. Hewson, has applied to me for permission to erect shops on her property immediately adjoining the new Byculla Bridge, with frontage on the bridge footpath. This will involve the removal of the parapet wall of the bridge on the west side of the Parel approach, and, therefore, the case is one for the determination of the Corporation under Section 295 (*b*) of the Municipal Act.

Should this permission be given, the owner consents to make over to the Corporation the strip of land coloured yellow in the accompanying tracing and to increase the width of the footpath at her expense by 6 feet, the present width being seven feet.—I have, &c., E. C. K. OLLIVANT, Commissioner.

After discussion, it was—

Resolved: "That the Committee decline to recommend the Corporation to entertain the application of Bai Perozbai for permission to erect shops on her property immediately adjoining and abutting on the western footpath of the new Byculla overbridge."

No. 5864.

BOMBAY, 15*th January* 1890.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The signing of the minutes of the Meeting held on the 8th instant, was postponed.

Resolved: "That the following be *recorded* :—Memorandum No. 17166, dated 14th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee No. 4484, dated 3rd October 1888, the transfers of Rs. 3,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 6th, 7th and 11th instant."

No. 6141.

Considered the following :—

Letter, No. 2432A, dated 13th instant, from the Chief Accountant, to the Commissioner, as under :—

SIR,—In continuation of my Nos. 2365 and 2437 of the 6th instant and this day respectively, I have the honour to inform you that in consequence of heavy payments on account of the instalment due to Government in respect of the Consolidated Loan, advances to the Tansa Dam and Duct Contractors for work done during the past month, and the interest, &c., due this month on the different Municipal Loans, the sums already transferred during the current month from the Tansa Loan Deposit Account, to the Municipal General Fund pass book aggregate to Rs. 4 lakhs.

Further transfers to the extent of about Rs. 4 lakhs will have to be effected up to the end of this month, to provide for the payments of further interest, &c., charges, and of the balances due to the above Contractors, and for the purchase of bills of exchange for remittance to the Tansa Pipe Contractors. Thus the maximum sum fixed in the Standing Committee's Resolution No. 4484, dated 3rd October 1888, to be transferred from Loan or Invested Funds in each month, will be exceeded by about Rs. 3 lakhs.

May I, therefore, request the favour of your obtaining the sanction of the above body to further transfers being made to the extent of the additional sum mentioned above.

With a view to avoid frequent applications to that body for additional transfers, it would be well, if the Committee were moved to increase the maximum sum from Rs. 5 lakhs to, say, Rs. 7 or 8 lakhs.—I have, &c., SORABJEE NAVAROJEE COOPER, Chief Accountant.

No. 17170 of 1889-90.

BOMBAY, 14*th January* 1890.

Submitted to the Standing Committee for favour of sanction.—E. C. K. OLLIVANT, Commissioner.

No. 6142. *Resolved* : "That for the reasons given in the Chief Accountant's letter No. 2432A, dated 13th instant, and as recommended by the Commissioner in his memorandum No. 17170, dated 14th idem, the sum fixed by the Committee in their Resolution No. 4484, dated 3rd October 1888, to be transferred this month from Loan or Invested Funds to the General Fund or other Loan Funds be increased as a special case, from Rs. 5 lakhs to Rs. 8 lakhs."*

No. 6143. *Resolved*: "That, as applied for by the Commissioner in his memoranda No. 16399, dated 8th instant, and Nos. 17168 and 17169, dated 14th idem, sanction be given, under section 351 (2) of the Municipal

* *Note.*—The Committee declined to increase the maximum of each transfer.

Act, to the removal of the following structures built without permission :—

Names of Owners.	Where.
Mr. Hamad Hasan	Building at Dadur Road.
„ Karimji Ibrahim	Do. at Nos. 236, 240, Paidhoni Road.
„ Framji Pestonji	Do. at No. 28, Gola Street."

The sealing of 392 debentures of the Tansa Water Works Loan, and of 6 renewals of old bonds of the Drainage Loan of 1878, was postponed.

The Secretary read draft report or précis, prepared in accordance with instructions from the Chairman on the subject of the proposed enhancement of contract rates to Messrs. Walsh, Lovett, Mitchell & Co.

Resolved : " That the draft report to the Corporation on the question of the proposal to allow enhanced rates to Messrs. Walsh, Lovett, Mitchell & Co., Contractors for the Tansa Duct Works, be circulated to the Committee and brought on for disposal at next meeting."

No. 6144.

The consideration of the proposal of the Commissioner, to take over from Mr. Hormasji Limjibhai Batliwala, and declare public, cattle trough and drinking fountain at Naigam Road, was further postponed till next week.

Considered the Progress Reports,* up to the end of November last, of new works now in course of construction.

Resolved : " That the Progress Reports, up to the end of November 1889, of new works now in course of construction, be *recorded*.

No. 6145.

" That from and after this date the Commissioner be requested to report at once to the Standing Committee all cases in which the period for the completion of a contract has been exceeded."

Resolved : " That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 17293, dated this day."

No. 6146.

Read Report No. 4854, dated 2nd ultimo, by Mr. Tomlinson, Deputy Executive Engineer, Water Works, on the Pawai Water Scheme, and also memorandum No. 14389, dated 3rd idem, thereon from the Commissioner.

* *See* Appendix C.

After discussion, it was—

Resolved : " That the consideration of the questions, (1) of acquiring gathering ground for the Pawai Lake, and (2) of surveys of the Kenari and Ewur Valleys, be postponed till next week."

No. 6147.

Resolved : " That the consideration of the following be deferred until the report (on Mr. Sorabjee S. Bengallee's letter) asked for by the Committee in their Resolution No. 5450, dated 18th ultimo, is submitted by the Commissioner :—

No. 6148.

(1.) Letter No. 73, dated 8th instant, from the Secretary, Bombay Pinjrapol, claiming refund of water rate and halalkhor tax paid by him in respect of sheds and godowns in Pinjrapol Street. (2) Letter, dated 13th idem, from Mr. Premji Parpia, asking refund of water rate and halalkhor tax paid by him in respect of his property in Khadak Street.

" That the applicants be informed accordingly."

Read letter, dated 9th instant, from Mr. J. J. D'Almeida, regarding the cleaning of cesspool of his house at Matharpakady.

Resolved : " That, with reference to his letter, dated 9th instant, Mr. Almeida be informed that the Committee have nothing to add to the letter No. 5563, dated 23rd ultimo, which he received from the Municipal Secretary."

No. 6149.

It was agreed that the following be referred to the Commissioner for favour of remarks :—

No. 6150.

Memorandum No. 6128, dated 14th instant, from the Municipal Secretary, forwarding petition, dated same day, to the President of the Corporation from the owners of houses and residents in New Kazi Street, objecting to the establishment of timber warehouses therein.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 12th January 1890.*

Read letter No. 17295, dated this day, to the Secretary, as under :—

SIR,—I have the honour to report, for the information of the Standing Committee, that the proposal to build a night-soil depôt at the south end of DeLisle Road had to be abandoned in consequence of the proximity of the site of the new Byculla Station. It is, therefore

* *See* Appendix B.

proposed to proceed first with the building of the other night-soil depôt at the north end of DeLisle Road, which will cost, inclusive of purchase of land and filling in, Rs. 26,394. For this work, Rs. 5,612 were provided in the new works list out of current revenue for the present year and Rs. 11,503 were included in the list of loan works submitted to Government, for the purchase of 5,000 square yards of ground and filling it in but this sum amongst other items was struck out by the Government of India. Therefore the sums available are as follows :—

Balance of sanctioned grants for southern end	Rs.	5,823
Grant for north end.	„	5,612
	Rs.	11,435

thus leaving about Rs. 14,959, or say Rs. 15,000, still to be provided for the construction of the depôt. In the same list of loan works, provision had been made for Rs. 25,000 for new Vaccination Head-Quarters, and Rs. 15,000 for the same purpose had been set aside from current revenue. The former sum has been struck out by the Government of India, and it is plain that, in default of such sanction, the work cannot be undertaken as the latter sum will be quite inadequate for the purpose ; moreover, as Government have recently determined that the Vaccination Department is entirely a Government, and not a Municipal, service, it may be assumed that the provision necessary for this building will be made in the Government estimates, the Municipal obligation being limited to the annual contribution as at present. In the case of the Police Force, the annual contribution is compulsory ; in the case of Vaccination, it is not. The reason for referring to this matter in the present letter is that, as the sum of Rs. 15,000 cannot now be applied to the construction of Vaccination Head-Quarters, it may as well be transferred to make up the balance required for constructing the night-soil depôt at the north end of DeLisle Road. Should it still be deemed advisable to build a Vaccination Head-Quarters out of Municipal Funds, it will be in the power of Government to facilitate this operation by inducing the Government of India to withdraw their refusal to sanction the loan works, the only modification necessary in that case being, that the item of Rs. 36,503 should be entered for Vaccination Head-Quarters, instead of.

		Rs.
Night-Soil Depôt...	Vaccination Head-Quarters	25,000
	Purchase of land	5,000
	Filling in	6,503
	Rs.	36,503

To give effect to my present proposal, transfer statement is attached in the usual form.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 6151. *Resolved* : " That, as applied for by the Commissioner in his letter No. 17295, dated this day, sanction be given to the transfer of Rs. 20,782, from savings in the grant of, (1) Rs. 5,823-3-4 for a new night-soil depôt at south end of DeLisle Road, and (2) of Rs. 15,000 for Vaccination Quarters and Stables, to the

grant of Rs. 5,612 for a new night-soil depôt at the north end of DeLisle Road, to meet the cost of land required for the depôt and of filling in the land."

No. 6152. *Resolved* : "That sanction be given to an arrangement with Messrs. Coutts & Co., for the payment of the following instalments, provided in the contract with Messrs. Simpson & Co., for the supply of Pumping Engines and Boilers required for the Pawai Water Scheme :—25 per cent. of the whole as soon as one-third of the contract has been fulfilled ; 25 per cent. when two-thirds have been fulfilled ; 40 per cent. on arrival of the machinery in Bombay ; 10 per cent. three months after the arrival of the goods at Bombay."

BOMBAY, 22*nd January* 1890.

AT the Meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DOSABHAI FRAMJI, Esq., C.S.I. ; FAZULBHOY VISRAM, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq. ; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S. C.I.E., Commissioner ; the DEPUTY EXECUTIVE ENGINEER, Water Works ; and the SECRETARY.

The minutes of the Meeting held on the 15th instant, were signed.

No. 6201. *Resolved* : "That the following be *recorded* :—Memorandum No. 17804, dated 20th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 18th instant."

No. 6202. *Resolved* : "That, in reply to his letter, dated 15th instant, asking for an increased rate of compensation for land taken up from him at Chikulwadi, Mr. Fakirji Pestonji be informed that the letter has been forwarded to the Commissioner for disposal."

The seal of the Corporation was affixed to 392 debentures of the Tansa Water Works, namely, 334 of the value of Rs. 500 each, Nos. 18280 to 18546, both inclusive, and Nos. 18613 to 18679, both inclusive ; 33 of the value of Rs. 1,000 each, Nos. 18547 to 18612, both inclusive ; and 25 of the value of Rs. 1,000

each, Nos. 18680 to 19179, both inclusive—of the aggregate value of Rs. 4,50,000 : and to 6 renewals of old bonds, namely, Drainage Loan of 1878, Nos. 1363 to 1368, both inclusive, Nos. 1915 to 1920, both inclusive, and Nos. 5089 and 5278, of the aggregate value of Rs. 7,000.

No. 6203. The seal was also affixed to deed of contract, with Messrs. Richardson and Cruddas, for the supply of spare parts of Siemen's water meters.

Read again report on the subject of the proposal to allow enhanced rates to Messrs. Walsh, Lovett, Mitchell & Co., Contractors for the Tansa Duct Works.

In para. 5, the words "was made applicable," were struck out, and the word "applies" was inserted in place thereof.

In para. 13, the words "instead of one season, perhaps, two seasons later," were struck out, and the following words were inserted in place thereof :—"and to avoid the possibility of the loss of one season's work."

Para. 14 was also amended.

No. 6204. *Resolved (nem. con.)* : "That the report now approved be forwarded to the Corporation with reference to their Resolution No. 6007, dated 10th instant."

The consideration of the proposal to take over from Mr. Hormasji Limjibhai Batliwala, and declare public, cattle trough and drinking fountain at Naigam Road, was further postponed till next week."

No. 6205. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 17297, dated 15th instant, sanction be given to the transfer of Rs. 450, from Section II., E., lighting public latrines and urinals with Gas, Engineer's Budget, namely, Rs. 150, to Section III., A, lighting streets with Kerosine oil, and Rs. 300 to Section III., C., Contingencies, same head, same Budget, to meet the cost of putting up Kerosine oil lamps for lighting public latrines and urinals, and of lighting the lamps up to the end of the current financial year."

No. 6206. *Resolved* : "That, as applied for by the Commissioner in his letter, No. 17747, dated 18th instant, sanction be given to the transfer of Rs. 5-9-7, from savings in Section V., repairing old levels and theodolites, Engineer's Budget, to Section VI, water-proof coats, same Budget, to meet the difference in the price between budget provision and contract rate."

No. 6207. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 17923, dated this day, sanction be given to the transfer of Rs. 25,023, from savings in Section I., purchase of materials, road metal, sand-stone, kerb-stone and water-tables, B., road repairs and maintenance, Engineer's Budget, (1) Rs. 17,500 to Section II., cart hire and labour including scraping, (2) Rs. 4,067 to Section IV., maintenance of steam rollers, carts and share of Persian-wheels, and (3) Rs. 3,456 to Section V, stores and contingencies, same head, same Budget, to meet excess up to the end of the current financial year on account of labour, maintenance of steam-rollers, stores and contingencies."

No. 6208. *Resolved*: "That, as proposed by the Commissioner, in his memorandum No. 17724, dated 18th instant, the Corporation be recommended to grant permission to Mr. Kashinath Dewji Dhuru to construct and make at his own cost a connecting road across the Tulsi pipe line in DeLisle Road, at the point shown on the plan*, accompanying the Commissioner's above memorandum, between the plots marked C and B respectively, and bounded respectively by red and green lines on the said plan, on the following conditions :—

"That the said road or crossing shall not exceed in breadth 30 feet and that Mr. Kashinath Dewji Dhuru shall, in all respects, make it in accordance with the instructions, and to the entire approval and satisfaction, of the Commissioner, and take such measures and precautions, and adopt such mode of construction as shall be required and approved of by the Commissioner for protecting the Tulsi main ; that Mr. Kashinath pay to the Corporation a monthly rent of Re. 1 for this concession; that the Commissioner have the absolute and undisputed right at any time, and without assigning any reason whatever, of stopping the road-way on giving to the said Kashinath Dewji Dhuru, his heirs, executors, administrators, or assigns, one calendar month's notice in writing to that effect, and that no compensation in such case be paid or be payable to the said Kashinath Dewji Dhuru, in respect of such stoppage or in respect of any expense he may have incurred, or been put to, in the construction of the road-way or otherwise, and on the

* Filed in the supplement to Minute Book for 1889-90, marked A.

further conditions contained in the agreement (now before the Committee) to be entered into by the said Kashinath Dewji Dhuru."

No. 6209. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 17924, dated this day, sanction be given to the transfer of Rs. 24,500, from savings in the grants for (1) purchase of open spaces, Rs. 12,000, and (2) proposed Cholera Hospital, Rs. 13,160, New Works, to Section II., Coals, Maintenance of Love Grove Pumping Station, Engineer's Budget, to meet excess over the grant for coal, caused partly by the difference between original Budget estimate and the actual price during the current year, and partly by the increase in consumption in pumping out the water from the old drain which was admitted during the S. W. monsoon."

Considered memorandum No. 17677, dated 17th instant, from the Commissioner forwarding Government Resolution No. 102, dated 13th idem, Financial Department, ordering that letter from the Commissioner, No. 14892, dated 12th December 1889, forwarding copy of the Standing Committee's Resolution No. 4820 of 13th November 1889, be recorded.

No 6210. It was *resolved*: "That memorandum No. 17677, as above, be *recorded*."

No. 6211. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 17908, dated this day."

The consideration of the following was postponed till next week:—Memorandum No. 14389, dated 3rd December 1889, from the Commissioner, forwarding report by Mr. Tomlinson, Deputy Executive Engineer, No. 4854, dated 2nd idem, on the Pawai Water Scheme.

No. 6212. *Ordered*: "That the following be laid on the table:—Letter, dated 15th instant, from Messrs. Ardasir Framji Moos and Nanabhai Rastomji Ranina,

Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week of the month of December last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

No. 6213. *Resolved*: "That the Health Officer's report* for the 3rd quarter of 1889, be forwarded to the Corporation."

No. 6214. *Resolved*: "That, pending the raising of the necessary Loan, the Corporation be recommended to sanction the payment of an advance of Rs. 97,930 from available balances to provide for the execution of the following works at Malabar Hill Reservoir, sanctioned by the Corporation in their Resolution No. 2486, dated 8th July 1889:—

	Rs.
For providing an asphalt or concrete surface to the floor of the settling basin	75,000
Provision of turbine, overflow and sludge pipes	11,500
Cushions for outlet of filters	9,800
Repointing walls of distributing basin...	1,630
Total...	Rs. 97,930"

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 19th January 1890.†

The following return was read and *recorded*:—

Return of fires at Kalbadevi Road and Paidhoni Road, forwarded with the Commissioner's memorandum No. 17494, dated 15th January 1890‡.

No. 6216. *Resolved*: "That, as applied for by the Commissioner, sanction be given under Section 92 (*b*) of the Municipal Act, to the sale by him for Rs. 9,515 of the materials of the houses at Bhuleshwar, of which the

* *See* Appendix A. † *See* Appendix B. ‡ *See* Appendix D.

demolition was rendered necessary by the Bhuleshwar Market extension scheme on the ground recently acquired for the Corporation."

The consideration of the application made by the Commissioner to accept a tender for the supply of coal during the ensuing official year was postponed till next week.

BOMBAY; *29th January* 1890.

AT the meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

On the question of the signing of the minutes of the last meeting, Colonel Merewether drew attention to the fact that the entry "the loss of one season's work" in para. 13 of the Committee's Report on the cost of the Tansa Water Work Duct, is erroneous as a matter of fact, as the possible delay may cause the loss of two seasons' work.

After discussion, the opinion was expressed that it will be desirable for the Chairman to explain this point, when the report is placed before the Corporation.

The minutes were then signed.

Resolved : "That the following be *recorded* :—Memorandum No. 18096, dated 27th instant, from the Commissioner, reporting, with reference to the Resolutions of the Standing Committee, Nos. 4484 and 6142, dated 3rd October 1888 and 15th January 1890, the transfers of Rs. 1,50,000, from the Tansa Loan

No. 6432.

deposit account No. 1, to the Municipal General Fund pass book, on the 24th and 25th instant."

The seal of the Corporation was affixed to 154 debentures of the Tansa Water Works, namely, 87 of the value of Rs. 500 each, Nos. 19314 to 19400, both inclusive; and 67 of the value of Rs. 1,000 each, Nos. 19180 to 19313, both inclusive—of the aggregate value of Rs. 1,10,500; and to 1 renewal of old bond, namely, Sanitary Works Loan of 1885, No. 1113 N. N. of the value of Rs. 500.

The seal was also affixed to deed of contract with Messrs. Framji and Jivanji for laying 48" water mains from the Pawai Reservoir to the Pumping Station thereat, and works in connection with the same.

No. 6433.

The consideration of sanction to the acceptance of tender for the supply of coal was further postponed till next week.

Resolved: "That, as proposed in his letter No. 18217, dated this day, sanction be given to the acceptance by the Commissioner of the tender, the lowest of six received, of Messrs. John Fleming & Co., for the supply of cast iron mains of different sizes for Water Works stock at Rs. 105 per ton."

No. 6434.

Resolved: "That, with reference to memorandum from the Commissioner, No. 18009, dated 24th instant, sanction be given to the payment of an advance of £2,500 to Messrs. Walsh, Lovett & Co., Agents for Messrs. Macfarlane, Strang & Co., for mains and other iron for the Tansa Water Works, which have been duly tendered for testing at Bhandup, the arrangements for testing having now been completed.

No. 6435.

"The advance to be adjusted by debit against the approximate provision made for mains, &c., for the Tansa works."

No. 6436. *Resolved*: "That the Corporation be recommended to take over, under the provisions of Section 269 of the Municipal Act, for the gratuitous use of the inhabitants, and declare public, cattle tank or trough and drinking fountain with ground on which the trough and fountain stand, at Naigam Road, from Mr. Hormusji Limjibhai Batliwala (as shown on the tracings accompanying the Commissioner's letter No. 15183, dated 17th December 1889.)"

No. 6437. *Resolved*: "That, with reference to memorandum No. 17967, dated 23rd instant, from the Commissioner, sanction be given to the payment of Rs. 761-12-0 (the amount of compassionate allowance granted to Thakubai, widow of Jaganath Vithoba, and which lapsed on her death) to the legal representative of the said Jaganath Vithoba."

Considered letter No. 2476, dated 17th instant, to the Commissioner, as under :—

SIR,—I have the honour to forward for transmission to the Standing Committee a quarterly Return for the quarter ending 23rd December 1889, as compared with the corresponding quarter for the previous year, as required by the then Town Council's Resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter.

The unappropriated surplus cash balance as already reported in my report for the past official year, was Rs. 2,70,972-8-2. This sum, *minus* the additional grants sanctioned up to 10th November, and those likely to be sanctioned up to the end of the current official year, has been appropriated in the Budget for the ensuing year.—I have, &c., SORABJEE NAVAROJEE COOPER, Chief Accountant.

Memorandum No. 18019, dated 24th idem, as under :—

Submitted to the Standing Committee as requested in their Resolution No. 465 of 1st June 1887.—E. C. K. OLLIVANT, Commissioner.

ACCOUNT OF THE BOMBAY MUNICIPALITY

As contrasted with that for the

RECEIPTS.	Budget Estimate. Rs. a. p.	Quarter ending 28th December 1888. Rs. a. p.	Quarter ending 23rd December 1889. Rs. a. p.
Opening Balance	4,50,000 0 0	64,127 11 3	39,604 5 0
General Tax	16,15,000 0 0	5,94,744 14 3	6,59,126 1 9
Water Works Revenue (including water tax) ...	9,55,750 0 0	3,53,102 2 8	3,44,441 7 11
Conveyance Licenses ...	13,200 0 0	.....	1,667 14 0
„ Wheel Tax ...	3,30,200 0 0	53,223 6 0	41,465 7 0
„ Tolls Fees ...	13,700 0 0	3,851 4 0	3,069 12 0
Halalkhor Tax	3,93,000 0 0	1,13,171 15 1	1,43,490 9 8
Duties, Town...	6,70,000 0 0	2,34,658 4 9	1,97,056 11 4
„ Tobacco	1,83,000 0 0	45,636 11 8	44,741 3 9
„ Liquor Licenses ...	1,43,750 0 0	.....	.....
Market Receipts	3,10,900 0 0	77,401 13 8	77,002 1 0
Miscellaneous Fees	94,700 0 0	15,804 1 8	19,222 7 3
„ Receipts ...	80,000 0 0	30,487 4 4	27,465 8 2
„ Fines... ...	8,000 0 0	2,370 14 6	1,302 6 10
„ Savings ...	3,000 0 0	2,688 6 0	2,532 12 1
Public Gardens	8,000 0 0	1,084 8 6	1,210 8 0
Fire Insurance Companies...	.....	16,979 0 0	.....
Contribution from Municipal servants towards Pension, &c., Fund	12,000 0 0	3,494 3 10	3,454 13 0
Tramway Rent	36,000 0 0	18,096 1 11	18,096 1 11
Interest on Investments ...	50,000 0 0	.....	3,707 14 0
	49,20,200 0 0	15,66,795 0 10	15,89,053 11 8
Debt	.....	19,22,000 0 0	23,83,000 0 0
Bank of Bombay Loan and other Deposit Accounts ...	.....	16,44,303 7 2	1,07,000 0 0
Workshops	.....	17,772 0 11	12,765 14 6
Advances	.....	2,81,933 12 3	2,94,636 1 4
Deposits	.....	1,62,942 10 10	1,37,271 4 0
Rupees ...	49,20,200 0 0	55,95,747 0 0	45,23,726 15 6
Total Rupees...	53,70,200 0 0	56,59,874 11 3	45,63,331 4 6

FOR THE QUARTER ENDING 23RD DECEMBER 1889

Quarter ending 28th December 1888.

	Budget Estimate.	Quarter ending 28th December 1888.	Quarter ending 23rd December 1889.
DISBURSEMENTS	Rs. a. p.	Rs. a. p.	Rs. a. p.
Superintendence	1,79,537 0 0	52,659 0 6	41,671 12 9
Assessment and Collection Department	1,95,353 0 0	49,582 10 11	45,030 11 4
General Police (including Police Hospital)	2,58,289 0 0	64,587 1 9	64,571 5 9
Fire Brigade...	86,738 0 0	21,542 8 10	15,204 9 4
Health Department... ...	12,84,257 0 0	3,02,433 11 6	2,94,468 12 8
Public Works. Establishment	1,14,684 0 0	26,521 8 6	29,694 2 9
Lighting	3,12,104 0 0	94,882 4 1	77,828 8 5
Watering	87,063 0 0	12,599 9 7	10,565 11 4
Repairs, Roads... ...	4,64,976 0 0	1,52,186 11 2	1,05,551 8 9
Street Improvements...	1,00,000 0 0	16,811 9 4	19,595 12 0
Cleaning, Lighting and Repairing Port Trust Wharves	25,000 0 0	25,979 11 3	25,000 0 0
		568 9 10	245 10 3
Repairs, Buildings ...	6,000 0 0		
Water Works	1,60,732 0 0	‡19,79,708 2 3	‡25,25,366 1 1
Drainage	1,01,651 0 0	24,266 0 8	28,161 0 2
Public Gardens ...	60,375 0 0	10,761 14 10	13,665 15 3
New Works and Reserve Funds, &c....	1,24,000 0 0	22,772 1 0	30,337 10 10
Miscellaneous (including Contributions to Hospitals, &c.)	1,03,408 0 0	20,171 0 11	25,776 6 1
Education (including Veterinary College, &c., Contribution)	58,061 0 0	7,774 5 8	12,674 3 8
Debt	15,20,928 0 0	2,82,298 6 6	2,75,129 2 8
	52,43,156 0 0	31,68,107 1 1	36,40,539 1 1
Bank of Bombay Loan and other Deposit Accounts ...	.....	19,14,864 13 2	22,307 14 0
Loan Works Accounts ...	.....	1,32,969 9 10	3,17,577 15 9
Workshops	.....	29,653 14 4	18,098 1 10
Advances	.....	1,62,596 15 8	4,05,733 10 7
Deposits	.....	63,257 14 11	1,13,976 7 9
Rupees...	52,43,156 0 0	54,71,450 5 0	45,18,233 3 0
Closing Balance	.....	1,88,424 6 3	45,098 1 6
Estimated Balance on 31st March 1890...	1,27,044 0 0	.....	.....
Total Rupees...	53,70,200 0 0	56,59,874 11 3	45,63,331 4 6

‡ Includes net sums of Rs. 18,54,382-11-11 and Rs. 24,98,424-4-3 paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works and investment of surplus Tansa Loan and Interest Fund.

List of Additional Grants sanctioned by the Corporation from Surplus Cash Balance.

Resolution No.	Date.	———	Amount.
	1889		Rs. a. p.
4231	Oct. 10	Grant of Rs. 2,000 from Surplus Cash Balance to provide for the illumination of the address to be presented to H. R. H. Prince Albert Victor and for the casket to contain the same	2,000 0 0
4234	„	Grant of Rs. 2,000 from Surplus Cash Balance to meet the cost up to the end of the current year of the issue of summonses of processes in Municipal cases ...	2,000 0 0
4739	Oct. 31	Grant of Rs. 755 from Surplus Cash Balance to provide for the increased rate (from Rs. 7 to Rs. 12 per diem) for the removal of offal from Slaughter Houses at Bandora from 1st October 1889 up to the end of the current financial year	755 0 0
4740	„	Grant of Rs. 2,400 from Surplus Cash Balance to provide for the cost of weights, measures and other appliances required for putting on a satisfactory footing the means of verifying weights and measures... ...	2,400 0 0
4741	„	Grant of Rs. 5,000 from Surplus Cash Balance to meet the cost of supplemental machinery, temporarily required at the Love Grove Pumping Station	5,000 0 0
4749	„	Grant of Rs. 2,500 from Surplus Cash Balance to meet the amount due to Mr. F. W. Stevens, C.I.E., for revising the assessment of buildings and lands vesting in Her Majesty...	2,500 0 0
4744	„	Grant from Surplus Cash Balance for payment of the amount that may be awarded by the Collector of Bombay to the Gordon Mills Company for 9095·83 sq. yds. or thereabouts of land situate at Clare Road required for the deposit of sweepings	.....
5538	Dec. 19	Grant of the equivalent of 2,000 guineas from Surplus Cash Balance for payment to Mr. Baldwin Latham during the months of January and February next whilst engaged in advising and reporting on the question of the Drainage of Bombay, also travelling and other expenses in connection with his attendance in Bombay	.....
		Total...Rs.	14,655 0 0

Resolved : "That return for the quarter ending 23rd December 1889, showing the income and expenditure of the quarter, as compared with the corresponding quarter of the previous year, together with the list of the additional grants, sanctioned by the Corporation during the same quarter, forwarded by the Commissioner with his memorandum No. 18019, dated 24th instant, be *recorded*."

No. 6438.

Resolved : "That, with reference to their Resolution No. 6243, dated 23rd instant, the Corporation be recommended to refer para. 6 of Government* Resolution No. 489 C. W. 2066, Public Works Department, dated 2nd December 1889, for enquiry and report by the Committee appointed by the Corporation, on the 26th August 1889.

No. 6439.

"That the consideration of para. 8 of the Government Resolution be postponed until the next meeting."

Resolved : "That sanction be given to the cutting off of water connections, as per list accompanying the Commissioner's memorandum No. 18213, dated this day."

No. 6440.

Considered again report from Mr. Tomlinson, Deputy Executive Engineer, Water Works, No. 4854, dated 2nd December 1889, on the subject of Pawai Water Works. After discussion, it was *resolved*—

"That the Corporation be recommended to sanction the taking up of a portion of the Pawai Estate of a total area of 2,070 acres, or thereabout, being the gathering ground of the Pawai works : this area, including the 500 acres for the Lake itself, as sanctioned by the Corporation on 25th November last."

No. 6441.

On the motion of the Chairman, it was—

Resolved : "That, inasmuch as the filter area for the whole of the water which Vehar is capable of supplying is insufficient, the Corporation be recommended to sanction the provision of additional filter beds at Vehar and Bhandarwada, in accordance with the recommendations made by Sir John Fowler.

No. 6442.

"That the Commissioner be asked to furnish the Committee in time for their next meeting, with full estimates of

* *See* Proceedings of the Corporation, 23rd January 1890.

the cost of complete filtration for all water brought in from Vehar, including that from Pawai and a statement as to the time in which the work can be completed."

Resolved: "That, with reference to his letter, dated 21st instant, regarding repairs to house Nos. 28 to 32, Bhoiwada Second Row, Mr. Damodar Harishankur Joshi be informed that his letter has been forwarded to the Commissioner for disposal."

No. 6443.

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 26th January 1890.*

The following return was read and *recorded* :—

Return of fires at DeLisle Road, Chinch Bunder 1st Row, and Bhuleshwar Road, forwarded with the Commissioner's memoranda Nos. 17900, 17947 and 18067, dated respectively 21st, 22nd and 25th January 1890.†

Resolved: "That, as applied for by the Commissioner in his memorandum No. 18152, dated 28th instant, sanction be given under Section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

No. 6445.

Name of owner.	Where.
Mr. Mulchund Tapidas ...	...Building at Babula Tank Road.'

Resolved: "That, as applied for by the Commissioner in his memorandum No. 18131, dated 28th instant, sanction be given to the transfer of Rs. 125 from savings in Section I, Establishment, Fire Brigade Budget, to Section IX, rent of quarters hired for the Engineer and men of the Fort Fire Engine station, same Budget, to meet the difference on the Budget provision of Rs. 225 per month, and the increased rent Rs. 250 per month for the said quarters up to the end of the current financial year."

No. 6446.

Considered letter No. 18216, dated this day, from the Commissioner, stating, with reference to the Resolution of the Committee No. 6152 of 15th instant, that as Messrs. Simpson & Co. did not accept the terms of payments therein sanctioned on account of pumping engines and boilers required for the Pawai Works, he, as the matter is urgent, accepted the alternative offer made by them in

* *See* Appendix B. † *See* Appendix D.

regard to the third instalment, in anticipation of the sanction of the Committee, *viz.*, 15 per cent. on shipment, and 25 per cent. on arrival of the machinery in Bombay.

No. 6447. *Resolved*: "That the terms accepted by the Commissioner in regard to the payment for third instalment of boilers and machinery for the Pawai Water Works be approved."

BOMBAY, *5th February* 1890.

AT the meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.I.E.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the DEPUTY EXECUTIVE ENGINEER, Drainage Works; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The minutes of the meetings held on the 8th and 29th instant, were signed.

No. 6638. *Resolved:* "That the following be *recorded:*—Memorandum No. 18490, dated 1st instant, from the Commissioner, forwarding Government Resolution No. 466, General Department, dated 28th ultimo, stating that H. E. the Governor in Council is pleased to appoint Mr. H. A. Acworth, C.S., to be Municipal Commissioner for the City of Bombay, with effect from the date on which Mr. E. C. K. Ollivant, C.S., C.I.E., may lay down his office."

No. 6639. *Resolved*: "That the following be *recorded:*—Memorandum No. 18610, dated 4th instant, from the Commissioner, reporting, with reference to the Resolutions of the Standing Committee, Nos. 4484 and 6142, dated 3rd October 1888 and 15th January 1890, the transfers of Rs. 1,36,663-1-2, from (1) the Tansa Loan deposit account No. 1, Rs. 50,000 ; (2) New Sanitary Works Loan deposit account No. 1, Rs. 30,177-2-3 ; (3) New Sanitary Works Loan deposit account No. 2, Rs. 3,488-11-10 ; (4) Drainage and Water Works Loan deposit account (of 12 lakhs), Rs. 15,186-8-2 ; (5) Sinking Fund account (old) 6 per cent. Loan, Rs. 462-10-5 ; (6) Surplus Cash deposit

account, Rs. 34,302-15-10 ; and (7) Miscellaneous Works Loan of 1888-89 deposit account, Rs. 3,045-0-8 to the Municipal General Fund pass book, on the 30th January 1890.

"Memorandum No. 18609, dated same day, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 5620, dated 9th January 1889, the transfers of Rs. 5,00,001-8-10, from (1) the Tansa Loan deposit account No. 1, Rs. 5,00,000, to the Miscellaneous Works Loan deposit account, and (2) the Sanitary Works Loan Sinking Fund deposit account, Rs. 1-8-10 to the Municipal Loans Sinking Fund deposit account, on the 30th ultimo."

The seal of the Corporation was affixed to deeds of contract—

No. 6640. With Messrs. Warden & Co. for the supply of Nine Elms cement for drainage work, at Rs. 9-4-0 per cask of 3½ cwt.

No. 6641. With Messrs. Hirji and Raoji for the construction of masonry dam at Pawai, at schedule rates aggregating Rs. 66,308, or thereabout.

The consideration of acceptance of tender for the supply of coal and coke during the ensuing year was further postponed till next week.

No. 6642. *Resolved* : "That, as proposed in his letter No. 18373, dated 31st ultimo, sanction be given to the acceptance, by the Commissioner, of the tender —the lower of two tenders received—of Mr. Jangam Dhurmaji for kerosine lighting during the year 1890-91, at the following rates :—

	1890-91.			[The rates for the current year are as under.]		
	Rs.	a.	p.	Rs.	a.	p.
Ordinary Lamps	... 1	0	6	1	0	9
Special 3" Burners	... 1	3	0	1	3	0
New Lanterns	... 2	8	0	2	8	0
Teak Posts 12' × 4" × 4" ...	... 3	0	0	2	0	0
Do. 12' × 5" × 5" ...	... 3	0	0	2	0	0
Iron Brackets	... 0	9	0	0	8	0
Complete Lanterns and Posts	... 2	8	0	5	0	0"

No. 6643. *Resolved* : "That, with reference to his letter No. 18598, dated 4th instant, sanction be given to the acceptance, by the Commissioner, of the tender of Messrs. John Fleming & Co.,—the lower of two tenders

received—for the supply of disinfectants during the year 1890-91, at the following rates :—

	1890-91. Rs. a. p.	[The rates for the current year are as under.] Rs. a. p.
Calvert's Carbolic Acid Powder, per cask of 200 lbs. ...	18 6 0	18 12 4
Sanitas Powder do. ...	18 0 0	18 10 0
Calvert's Carbolic Acid (fluid), per gallon	3 2 0	3 4 6
Little's Soluble Phenyle, per gallon...	3 11 0	4 4 0
Calvert's Soluble Cresol do. ...	2 10 0	2 12 0"

No. 6644. *Resolved* : " That, as proposed in his letter No. 18374, dated 31st ultimo, sanction be given to the acceptance, by the Commissioner, of the tender of Messrs. Khimjee and Kolah—the lower of the two tenders received—for the supply of timber during the year 1890-91, at schedule rates."

No. 6645. *Resolved* : " That, with reference to his letter No. 18376, dated 31st ultimo, sanction be given to the acceptance, by the Commissioner, of the tender of Mr. Sumbajee Maloo—the lowest of 5 tenders received—for the supply of road metal during the year 1890-91, at the rate of Rs. 5-4-0 per brass."

In accordance with notice of motion it was—

Proposed by Thomas Blaney, Esq.—

No. 6646. " 1. That the Commissioner be requested to ascertain the opinion of the Health Officer as to the quality of the water which the Pawai Reservoir may be expected to supply, regard being had to local circumstances (*a*) that the catchment area and submerged land have been inhabited and (*b*) that fevers and cholera have generally prevailed in the district in which the catchment area and basin are situated. Also as to whether the Pawai water may be delivered to the city unfiltered during next season without proving injurious to public health, or if that cannot be recommended, whether, in his opinion, filtration will be sufficient.

" 2. That the Commissioner be requested to inform the Committee whether the opinion of the Health Officer is sufficient to decide the questions asked in the above resolution, or whether he would like to take the opinion of another expert.

"3. That the Commissioner be requested to inform the Committee whether the Bhundarwada filters are sufficient to filter fully and adequately all the Pawai water which may be delivered by the 32" main into the Bhundarwada Reservoir, and whether the Vehar and the Pawai water can be delivered separately into the city during the whole of next season, and whether it is necessary to deliver the Pawai water into the city before the Vehar supply is exhausted or nearly exhausted, and the reason for doing so."

The motion was seconded by Cowasjee Hormusjee, Esq., and *carried* unanimously.

The estimates, asked for by the Committee on the 29th ultimo, of the cost of complete filtration for all water brought in from Vehar, including that from Pawai, and a statement as to the time in which the work can be completed, not being ready, the consideration of the same was postponed.

No. 6647. In accordance with notice of motion it was—

Proposed by Cowasjee Hormusjee, Esq.—

"That the Corporation be recommended to sanction a grant not exceeding Rs. 15,000 for the proposed fête in the Victoria Gardens, and

"That, in the event of the public meeting to be held on Friday next, deciding upon a general illumination or some other form of general rejoicing in honor of the Prince's visit, the Corporation be recommended to sanction a further sum of Rs. 15,000 towards the expenses of such public rejoicing."

The Chairman ruled that this notice was out of order, as the Committee of the Corporation appointed in reference to the reception of H. R. H. had not yet reported; and the Standing Committee, on 6th November last, decided that the consideration of the Corporation's Resolution No. 4749 of 31st October be postponed until the receipt of the report of the Committee of the Corporation as above.

Colonel Merewether enquired whether the notice of motion from the Chairman on this subject, requesting the Standing Committee to consider item No. 20 on the agenda of business for the next meeting of the Corporation, would be in order, inasmuch as the motion did not relate to the business really before the Committee?

The Chairman said that he did not propose to deal with these notices to-day, because the report of the Committee of the Corporation was not yet before the Standing Committee. Both notices would therefore stand over.

The consideration of para. 8 of Government Resolution No. 489 C.W.—2066, Public Works Department, dated 2nd December 1889, on the report of the Bombay Extension Committee was postponed.

Read the following resolution passed by the Bombay Christian Burial Board on the 1st August last :—

"That the Municipal Commissioner be addressed and requested to apply to the Corporation for the grant of Rs. 9,878, to provide for additional burying space in Sewri Christian Cemetery by the excavation of certain hilly and at present unusable ground, and the filling in with earth so excavated, of rocky parts of the cemetery which, in their present state, cannot be utilized for burial purposes.

"That in the opinion of the Board unless this comparatively small outlay is incurred by the Municipality at once, it will be necessary for that body to provide new burying space elsewhere for the Roman Catholic community, probably at a very heavy outlay for cost of land, drainage, preparation of the land and the provision of enclosure walls round the ground."

Read also memorandum No. 8058, dated 8th August last, as under, from the Commissioner, forwarding the above resolution to Messrs. Crawford and Buckland for the favour of opinion :—

"Assuming that the Sewree burial ground in its present condition is 'insufficient' for the disposal of the dead of the European Christian community, the question is, how far is the Corporation under any obligation to provide another. Does that obligation only extend to the provision of sufficient space in one or more public burial grounds, such as the one at Haines Road, for the burial of the dead of all religions and classes, without distinction? Or having regard to the words 'fit and convenient places,' what more extended interpretation should be given to the obligation imposed by Section 436 of the Municipal Act? The question is of great importance, not only as affecting the present case, but as establishing a principle. Hitherto, places for the disposal of the dead have been provided by the communities concerned, except that public burial grounds have been provided by the Corporation for the use of paupers. These have, in effect, been used only by low caste Hindus. If burial grounds are to be provided at the public expense, not for the public irrespectively of distinctions of race or religion, but severally for each racial or religious section, it is very important to know where the limit is to be placed. Some years ago there was a new (new at least to me) Christian sect which desired a separate burial place, and the other day a similar difficulty arose with regard to the Chinese. In a land of innumerable caste, divisions and usages, any number of such instances may occur. Hence the matter should be well considered before the Corporation commits itself.

"In this case a second issue arises, comparatively a very unimportant one. It being assumed that it is the duty of the Corporation to provide another fit and convenient place, can the Corporation, instead of doing so, expend money on the existing place (if this be the most economical plan) to extend the present accommodation?—E. C. K. OLLIVANT, Commissioner.

Also letter, dated 14th December 1889, from Messrs. Crawford and Buckland, to E. C. K. Ollivant, Esq., Municipal Commissioner, as follows :—

SIR,—In returning the accompanying papers forwarded for opinion under your No. 8058, dated the 7th August last, we have now the honor to state our views upon the questions raised.

Section 61 (*c*) of the Municipal Act makes it *incumbent* on the Corporation to make adequate provision for the regulation of places for the disposal of the dead, and the provision of new places for the said purpose, and Section 436 requires that "if the existing places "for the disposal of the dead shall at any time appear to be insufficient,

* * * * * * * *

"the Commissioner shall, with the sanction of the Corporation, provide "other fit and convenient places for the said purpose."

The considerations, therefore, by which the extent of the obligation thus imposed upon the Corporation and the Commissioner must be determined are—(1) the insufficiency or otherwise of existing places for disposal of the dead, and (2) the fitness and convenience of new places proposed to be provided.

It seems impossible to lay down any hard and fast rule for determining in all cases whether the obligation arises, and if so, to what extent, for the expressions "insufficient," "fit," "convenient" are so essentially relative expressions, that it is possible for different persons to place such very different interpretations upon them. Speaking generally, however, we are of opinion that regard must, so far as is reasonably practicable, be had to what is usual and consonant with the customs, and well recognized feelings and prejudices (religious or otherwise) of the different races and sections of the community. Thus to take the extreme case which you put, we feel no hesitation whatever in saying that the obligation would not in our opinion be discharged by the mere provision of sufficient space in one or more public burial grounds (such as the one at Haines Road), for the burial of the dead of all classes without distinction. Nor again to attempt to apply the principle to the particular case which has given rise to this reference, do we feel any doubt, but that under the circumstances stated in the resolution of the Bombay Christian Burial Board, dated the 1st August last, the Corporation would not only be acting within the limits of their authority, but can only duly acquit themselves of their obligation, by providing additional burying space for Christians, either at Sewri, in the manner suggested by the Board, or elsewhere.

Under the law, as it stands, we conceive, that the community generally are entitled to have sufficient places for the disposal of their dead, provided for them at the public expense, and those places must, we think, be so ordered as that they shall not be repugnant to the feelings of the particular races or sections of that community for whom they

are intended. The fact that provision has for the most part been heretofore made by each separate race or section for the disposal of its own dead, does not, we think, whenever the time arrives for extending the existing provision or making fresh provision, detract from their right of having this done for them by the Municipality.

We do not, of course, fail to recognize the difficulty which may be felt in applying the general principles above indicated to some individual cases, but we are not sufficiently acquainted with the circumstances of the particular cases cited by way of illustration in your memo. to judge now for the Corporation, or might have been under an obligation to provide separate burial grounds in those instances.

With reference to the concluding para. of your memorandum, we feel no doubt, but that the Corporation can, in the present case (the Sewri Christian Cemetry), instead of providing another fit and convenient place elsewhere, expend money in the manner proposed in view to developing the capacity of the existing place.—We have, &c., CRAWFORD & BUCKLAND.

Also memorandum No. 18644, dated this day, from the Commissioner, requesting the Committee to recommend the Corporation to sanction Rs. 9,878, as estimated by the Executive Engineer.

Proposed by E. B. Carroll, Esq., seconded by Javerilal Umiashankar Yajnik, Esq.—

No. 6648. "That the Corporation be recommended to sanction a grant of Rs. 9,878, for the cost of filling in rocky and at present unusable parts of the Roman Catholic portion of Sewri Cemetery, so as to render the same available for burial purposes. The sum to be paid for by advances from current balances to be adjusted hereafter as may be sanctioned by the Corporation."

Carried.

No. 6649. *Resolved*: "That, with reference to his memorandum No. 18546, dated 3rd instant, the Commissioner be authorized to file a suit in the Court of Small Causes, against Mr. Hirji Ardaseer Dady, for the recovery of Rs. 4-11-7 on account of expenses incurred by the Engineering Department, in pulling down a portion of the compound wall of his property at Walkeshwar Road."

No. 6650. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 18494, dated 1st instant, sanction be given to the transfer of Rs. 172-3-4 from savings in Section I., Superior Staff (salary of Assistant Engineer), Engineer's Budget, to the grant for Small-pox Hospital at Arthur Road, to meet excess in the grant for the latter on account of cart hire for filling in the low lying ground around the hospital."

No. 6651. *Resolved*: "That, under the circumstances mentioned in the Executive Engineer's letter No. 18123B, dated 30th ultimo, and as applied for by the Commissioner in his memorandum No. 18367, dated 31st idem, the Standing Committee assent to the Commissioner's disapproving of the erection of buildings by Mr. Jumabhai Musabhai on a site to the south of Fergusson Road, shown in yellow colour on the tracing (No. $\frac{B}{53}$ of 1889-90),° accompanying the Executive Engineer's above letter, as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 6652. *Resolved*: "That, in reply to her letter, dated 30th ultimo, requesting payment of compensation for the land taken up from her in Kamathipura 12th Street, Sonabai Sorabjee be informed that her letter has been forwarded to the Commissioner for disposal."

No. 6653. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 18645, dated this day."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 2nd February 1890.†

The following return was read and *recorded* :—

Return of fires at Bhuleshwar Road, Ridge Road, Dharavi, and Colaba, forwarded with the Commissioner's memoranda No. 18249, dated 29th January, and Nos. 18407, 18497 and 18498, dated 1st February 1890.‡

No. 6655. *Resolved*: "That, as proposed by the Commissioner in his letter No. 18656, dated this day, the Corporation be recommended to sanction the acceptance by him of the tender of Messrs. Salemahomed Dharamsi & Co., the highest offer received for the right of skinning dead animals at Kurla for a period of 5 years, commencing from 1st April 1890, at Rs. 9,000 per annum."

No. 6656. *Resolved*: "That the following be *recorded*:—Letter No. 18657, dated this day, from the Commissioner, reporting that he has authorised the purchase from Messrs. Kharsedji & Sons, of Kirkee, of

° Filed in supplement to Minute Books for 1889-90, marked A.
† *See* Appendix B. ‡ *See* Appendix D.

5 pairs of bullocks for the Health Department, at Rs. 150 per pair, and 6 pairs at Rs. 120 per pair."

Resolved: "That, as proposed in his letter No. 18655, dated this day, sanction be given to the purchase, on or after 1st March 1890, by the Commissioner, from Messrs. Kharshedji & Sons, of Kirkee, of 91 pairs of bullocks for the Health Department, at the following rates :—74 pairs at Rs. 150 per pair and 17 pairs at Rs. 120 per pair.

No. 6657.

"That the Standing Committee dispense with the invitation for tenders which would otherwise be necessary, as Messrs. Kharshedji & Sons have for many years past supplied this Municipality with bullocks."

Read the following progress report of Pawai Works for the month of January 1890, forwarded by the Commissioner, under his memorandum No. 18689, dated this day :—

No. $\frac{W}{6201}$ OF 1889-90.

BOMBAY, *3rd January* 1890.

To E. C. K. OLLIVANT, Esq., C.S., C.I.E., Municipal Commissioner.

Acquisition of Land.—At the meeting called by the Collector of Thana to hear, in accordance with the provisions of the Land Acquisition Act, parties interested in the matter of compensation to be paid, a Committee, with representatives of the owners of the Pawai Estate, the Government and the Bombay Municipal Corporation, were appointed to enumerate the trees standing on the ground to be acquired. The Committee are proceeding with this work.

The taking of a further area of 43 acres has been sanctioned by Government, and on the 29th January, the Standing Committee passed a resolution recommending the Corporation to acquire the whole of the Pawai Estate within the gathering grounds, the area being approximately 2,070 acres.

Pawai Dam.—The excavation has made favourable progress, and a satisfactory foundation has been reached in some places. The work in the foundations will be largely in excess of the Contractor's schedule quantity, but it is not anticipated that the completion of the dam will be delayed, and the sanctioned estimate provides for the additional money required to meet the excess. It will be remembered that no preliminary trial holes were allowed to be sunk. Masonry work will commence about the 16th February.

Pipe laying.—The excavation for pipe laying has made favourable progress, and the pipes are arriving on the ground. Laying will be commenced about the 14th February.

Raising Pawai Road.—The embankment is being proceeded with.

Engine Houses and erection of Engines.—The Standing Committee approved, on the 3rd January, of the work of providing corrugated

iron engine and boiler houses and erecting the engines and boilers being entrusted to Messrs. Richardson and Cruddas, for a sum of Rs. 44,000. The excavation for foundations has been begun.

Dam and Subsidiary Works in the Main Vehar Valley.—A sum of Rs. 23,000 was sanctioned for these works and the excavation for the dam was commenced on the 16th January, and has made fair progress.—RIENZI WALTON, M. INST., C.E., Executive Engineer.

No. 6658. *Resolved*: "That the Progress Report of Pawai Works for January 1890 be *recorded*."

No. 6659. *Resolved*: "That, as proposed by the Commissioner in his memorandum No. 18688, dated this day, the Corporation be recommended to sanction an arrangement with Haji Rahimtula Suleman, by which in exchange for 2 plots of Municipal land at Chinchpokli, marked A on the plan* accompanying the above memorandum, and admeasuring 7·37 square yards, or thereabout, he gives up and conveys to the Corporation a plot of land, marked B on the said plan, and admeasuring 7·93 square yards or thereabout. The land to be so conveyed, being required for the improvement of the boundary line between the Fire Brigade Station at Chinchpokli and the property of Haji Rahimtula Suleman."

The Commissioner informed the Committee of the progress which he has made, in regard to the purchase of land for the improvement and extension of the Victoria Gardens, as sanctioned by the Corporation on the 23rd January last.

The ground immediately to the north of the gardens, with frontage to Parel Road, is the property of Mr. Damodar Tapidas, who demands Rs. 12 per yard for the portion with road frontage and Rs. 7 for the ground in rear.

Fourteen thousand three hundred and seventy square yards with frontage to Parel Road have been purchased, at Rs. 3-14-0 per yard, as shown by brown lines in the plan now handed in; 29,000 yards in rear have been bought at Rs. 2-13-0 per yard as shown by red; 18,700 ditto at Rs. 2-12-7 ditto as shown by blue and 13961 ditto at Rs. 2-8-0 ditto as shown by yellow. These purchases included buildings standing on the ground acquired which would serve for the housing of the malees, head keeper, &c., of the Victoria Gardens; and this portion would be a debit against the grant for buildings already provided in the Budget.

* Filed in supplement to Minute Books for 1889-90, marked A.

Resolved : "That the Committee are of opinion that the plot of ground which has not yet been acquired for the improvement and extension of Victoria Gardens, shown on the plan now produced, as lying between the plots coloured blue, red and brown, should be purchased under the terms of the Corporation's resolution of 23rd ultimo."

No. 6660.

The Commissioner informed the Committee that a set forward of 116 square yards of land, or thereabout, in 2nd Cooper Street, was allowed on the 13th June 1888, to Dadoo Mia Noor Mahomed, the land so set forward being sold at the rate of Rs. 10 per yard, under the impression that it belonged to the Municipality. It now appears that the land belongs to Government, which claims the value of the same, and the sanction of the Committee was now requested to the refunding of the amount to Government, Rs. 1,160.

Resolved : "That sanction be given to the payment to Government of Rs. 1,160, being the amount which was received by the Municipality in 1888, for allowing the set forward of certain land in 2nd Cooper Street, which, it is now shown, was ground belonging to Government and not to the Municipality."

No. 6661.

BOMBAY, 12*th February* 1890.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

On the motion of Colonel Merewether, seconded by Fazulbhoy Visram, Esq., Dosabhai Framji, Esq., was voted to the chair until the arrival of the Chairman.

The minutes of the meeting held on 5th instant were signed.

Resolved : "That the following be *recorded* :—Memorandum from the Commissioner, No. 19022, dated this day, reporting, with reference to the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfers of Rs. 3,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 3rd, 5th, 6th and 8th instant."

No. 6838.

Resolved : "That, as applied for by the Commissioner in his memoranda Nos. 18936, 18937 and 18938, dated 10th instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

No. 6839.

Names of Owners.		Where.
Mr. Abdul Gufoor	Building at	Nos. 147-149, Nishanpada Road.
Bai Aminabai	Do.	Nos. 194-196, Duncan Road.
Mr. Jiwanlalji Maharaj or Dayal Megji and others	Do.	Nos. 11-13, Old Hanuman Lane.

The seal of the Corporation was affixed to 4 renewals of old bonds, namely, 3 Drainage Loan of 1878, as under :—2 of the value of Rs. 500 each, Nos. 1369 and 1370, and 1 of the value of Rs. 1,000, No. 1371/1372 ; and 1 Sanitary Works Loan of 1885, No. 1257 N. N. of the value of Rs. 500.

Considered again letter No. 17919, dated 22nd ultimo, from the Commissioner, regarding the supply of coal and coke during the ensuing year.

Read the following memorandum on the subject by Mr. E. B. Carroll :—

"The Municipality uses screened coal, for which in the next year, the tendered rates are Rs. 2 per ton higher on West Hartley, and Rs. 2½ per ton higher on Cardiff coal, than for unscreened coal.

"I think that what is practically the offer of a higher rate for screened coal, keeps the price up without a really better article being obtained ; the dealers take care that the Municipality gets a coal which requires screening.

"A good quality of coal for steam purposes depends more on the heating power of the sort of coal than upon any amount of screening.

"I think a little dust (coal-dust) does no harm ; it can be burnt with ordinary care in firing. Wetting the coal helps.

"I think that, under the 4th clause of form of contract, the Municipality can reject coal with an excessive amount of dust in it, and ordinary care in inspection may give the Municipality, practically, as good coal without its paying the enhanced cost for screening.

"The Municipality is becoming a larger consumer of steam coal, and it is no more necessary that it should have screened coal than the mills or railways.

"I propose, therefore, that tenders be called for again for coal and coke, omitting the condition as to screening."

Resolved : "That sanction be given to the acceptance by the Commissioner of the tender of Messrs. Dadabhoy Hormusjee & Co. for the supply of coal and coke during the year 1890-91, at the following rates, subject to the tenderers agreeing to an alteration in the specification, by which they will bind themselves to supply the best West Hartley and best Powell Duffryn or best Nixon's Navigation Cardiff coal or other equally good description of best Cardiff coal as supplied to Mills, colliery-screened in Bombay, at unscreened rates."

No. 6840.

	Within the Island of Bombay.	At the Pawai Dam.
	Rs. a. p.	Rs. a. p.
West Hartley coal, Colliery-screened per ton.	21 0 0	23 0 0
Best Powell Duffryn or best Nixon's Navigation or other equally good description of best Cardiff coal, per ton	22 0 0	24 0 0
Smithy Coal, do.	22 8 0	24 8 0
Coke, large, Europe, do.	40 0 0	42 0 0
Coke, small, Europe, do.	36 0 0	38 0 0

Read letter No. 18996, dated 11th instant, from the Commissioner, to the Secretary, as follows :—

SIR,—I have the honour to forward copy of a report from the Executive Engineer, Water Works, on the subject of providing patent concrete floor for one filter bed at Bhandarwada Reservoir, and to request the approval of the Standing Committee to the recommendation therein contained. The cost of the work, if entrusted to Messrs. Bird & Co., as proposed, will be Rs. 10,472, including 10 per cent. contingencies, which amount can be met out of the sanctioned grant of Rs. 11,000 entered in the Budget for 1890-91.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Also letter No. 4704W, dated 26th November 1889, to the Commissioner, as follows :—

SIR,—I have the honour to forward to you, in original, a letter received from Messrs. Bird & Co., of Calcutta, Agents for the Indian Patent Stone Co., Mr. Garlick, one of the Patentees, interviewed me as requested by you, and he also visited the Bhandarwada Reservoir.

As a trial measure, the Company is anxious to lay their stone over one filter, and the enclosed is their tender. They guarantee results, *i.e.*, the basin shall be rendered water-tight. The rate is a favourable one, and I recommend that a trial be made of the material. We shall then have opportunities of judging of the comparative merits of the asphalte to be laid on the floor of the settling basin at the Mala-

bar Hill Reservoir, and of this stone at Bhandarwada. The cost of dealing with one filter at Bhandarwada will be—To be paid to the Indian Patent Stone Company for work, Rs. 6,600 ; Removal, washing, and replacing of sand and materials of filter, Rs. 1,920 ; Minor improvements, Rs. 1,000 : Rs. 9,520 ; Contingencies 10 per cent., Rs. 952 ; Total, Rs. 10,472.

The Company have, as requested, furnished samples of their stone. It is in effect a very fine concrete of slag in portland cement. There is no reason to suppose that it would be unsuccessful for the floor in this case. I am not so confident of its suitability for the vertical exposed walls of the filter. As, however, the Company guarantee satisfactory results and will maintain the work for 6 months, there is no reason strong enough to oppose the trial of a material which is so favourably spoken of by several Engineers (printed testimonials appended). The Company has one advantage now that their men have become trained and experienced in the work of laying this material. It would be a condition of contract that no money shall be paid to the contractors until the work is completed to my satisfaction, and the usual contract with deposit must be entered into. As this is a patent material, of which the Company has the monopoly, there is of course no ground for advertizing for tenders as required in the usual procedure under the Municipal Act [Section 72 (3)].

No grant is yet sanctioned by the Corporation for the proposed repairs and improvements at their reservoir.—I have, &c.—S. TOMLINSON, C.E., Deputy Exec. Engineer, Water Works.

Read also letter No. 872, dated 21st November 1889, to the Deputy Executive Engineer, Water Works, as follows :—

DEAR SIR,—With reference to the interviews our Manager, Mr. W. Garlick, had with you, when recently in your City, with reference to paving one of your tanks with their Company's stone, we beg to state that this Company is prepared to pave 16,000 square feet of floor 1" thick and 4,000 square yards side walls ½" thick, at an all-round rate of Rs. 33 per 100 feet square. We may add that we paved the roof of an engine-room and parapet wall surrounding it at the Hoogly Mills here, for the purpose of using same as a tank, and that no leakage or the slightest sign of damp has appeared. We shall be glad to have your orders to proceed with the work.—Yours truly, BIRD & Co., Managing Agents.

Proposed by E. B. Carroll, Esq., seconded by Colonel G. L. C. Merewether—

No. 6841. "That, as recommended in his letter No. 18996, dated 11th instant, sanction be given to the acceptance by the Commissioner, of the tender of Messrs. Bird & Co., Agents for the Indian Patent Stone Co., for the supply of patent concrete floor for one filter bed at Bhandarwada Reservoir at a cost of Rs. 9,520, *plus* Rs. 952 for ten per cent. contingencies—total Rs. 10,472.

"That the Standing Committee dispense with the invitation for tenders which would otherwise be necessary, as Messrs. Bird & Co. are the sole agents in India for the said Company, and as such stone cannot be purchased in the open market.

"That the cost of this work be debited to the grant of Rs. 11,000 for the same, sanctioned by the Corporation on the 23rd January 1890."

Amendment moved by Kaikhosro N. Kabraji, Esq.—

"That the consideration of the question of the acceptance of Messrs. Bird & Co.'s tender, be postponed."

On a division, there were 1 vote *for* and 5 *against* the amendment which was *lost*.

The original motion was *carried*.

No. 6842. *Resolved*: "That the Resolution of the Standing Committee, No. 6645, dated 5th instant, sanctioning the acceptance of the tender of Mr. Sumbaji Malu, for the supply of road metal, be cancelled* as he has expressed his inability to supply the road metal of the size required and specified in the tender.

"That, for the above reasons, and as recommended in his memorandum No. 18932, dated 10th idem, sanction be now given to the acceptance, by the Commissioner, of the tender of Messrs. Fakir Mahomed Babanbhai & Co.—the next lowest tender—for the supply of road metal during the year 1890-91, at the rate of Rs. 5-5-0 per brass."

No. 6843. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 18935, dated 10th instant, sanction be given to the transfer of Rs. 2,920, from savings in Section II., Gas Lighting, A, Streets and Bandars, Engineer's Budget, to Section V., Stationery and Printing, same Budget, to meet excess in the grants for Stationery and Printing, Engineer's Department."

No. 6844. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 18735, dated 6th instant, sanction be given to the payment of Rs. 11 to the Secretary to the Panday Sanitarium at Colaba, on account of costs incurred by him in filing appeal in the Court of Small Causes, against the charge for water rate in respect of the Sanitarium."

* Amended by the substitution of the word "varied" at the meeting of the Standing Committee held on 19th instant.

Resolved: "That the Corporation be recommended to
No. 6845. sanction the grant of Rs. 5,000, from Surplus Cash Balance, to meet the cost of advertising and printing, being the difference between the Budget grant, Corporation and Standing Committee's Establishment, Section IV., and the estimated actual outlay to the end of the current financial year."

Ordered: "That the following be laid on the table :—
No. 6846. Letter, dated 8th instant, from Messrs. Ardasir Framji Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursements of each week for the month of January last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

Resolved: "That sanction be given to the cutting
No. 6847. off of water connections as per list accompanying the Commissioner's memorandum No. 19018, dated this day."

Considered para. 8* of Government Resolution No. 489 C.W.—2066, Public Works Department, dated 2nd December 1889, on the report of the Bombay Extension Committee.

Resolved: "That, with reference to their Resolution No.
No. 6848. 6243, dated 23rd ultimo, the Corporation be recommended to refer Government to para. 5 of the report accompanying the letter addressed to them by the President on the 3rd July 1888, to the effect (1) that the Slaughter Houses at Bandora were erected after the fullest consideration and that the Corporation do not, under existing circumstances, see any necessity for removing them to Matunga, and (2) that Pinjrapol does not belong to the Corporation who have nothing to do with its removal."

Considered the Progress Reports, up to the end of December 1889, of new works now in course of construction.†

Resolved: "That the Progress Reports, up to the end of
No. 6849. December 1889, of new works now in course of construction, be *recorded*."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 9th February 1890.‡

* *See* Proceedings of the Corporation, 23rd January 1890.
† *See* Appendix C. ‡ *See* Appendix B.

The following returns were read and *recorded* :—

Returns of fires at New Kazi Mohla and Broad Street, Fort, forwarded with the Commissioner's memoranda Nos. 18641 and 18708, dated respectively 4th and 6th February 1890.*

No. 6851. *Resolved* : "That, as recommended by the Commissioner, in his letter No. 19020, dated this day, sanction be given, under Section 169 (*a*) of the Municipal Act, to the compounded sum of Rs. 15 being charged for the supply of water in connection with Lady Reay's Fancy Fair to be held from the 25th instant to about 1st proximo."

No. 6852. *Resolved* : "That, as recommended by the Commissioner, in his memorandum No. 19023, dated this day, and consequent on the heavy advance of the price of iron in England, sanction be given to the charging of Rs. 115 per ton of straight cast-iron pipes in lieu of the rate of Rs. 105 per ton, as sanctioned by the Committee in their Resolution No. 5460, dated 18th December 1889."

The Commissioner informed the Committee that, owing to serious illness contracted in the discharge of his duty at Tansa, Mr. Hawkes, Resident Engineer, has had to come into Bombay for medical treatment. It is uncertain when he will be able to return to work or whether he will be able to return to duty there at all. In the meantime he will, under the terms of the Resolution (No. 2004) passed by the late Town Council on 25th March 1887,† and in accordance with the Civil Leave Code, be entitled to full pay during sickness up to the limit of 54 days (that being the period of privilege leave already earned by him). It is absolutely necessary that the post of Resident Engineer at Tansa should be forthwith filled up by a competent officer, and although enquiries were made it was impossible at a moment's notice to find such an officer outside the Government service. He (Mr. Ollivant) therefore applied to Government for the services of Mr. A. Hill, of the P. W. D., who is recommended

* *See* Appendix **D.**

† That sanction be given to the payment, on the certificate of the Executive Engineer, Tansa Water Works, of full pay to persons employed on those works, who become temporarily disabled from duty whilst suffering from fever contracted in the discharge of their duties.

by Mr. Clerke, and who, subject to the approval of the Standing Committee, will be appointed, receiving an aggregate of pay and allowance of Rs. 750 per mensem *plus* pension contribution payable to Government and *plus* travelling allowance to and from Tansa. The Commissioner added that, if the services of Mr. Hill should be required at Tansa up to the completion of the work,* and should that gentleman be willing to stay there, as meanwhile he might be promoted to some higher post in the Government service, it would probably be necessary to make a fresh engagement with him.

No. 6853. *Resolved:* "That sanction be given to the temporary employment of Mr. A. Hill as Resident Engineer at Tansa, on an aggregate of salary and allowance not exceeding Rs. 750 per mensem, *plus* the amount of such contribution as will be payable by him for his contribution to Government for pension, and *plus* his travelling allowances to and from Tansa on joining and leaving his appointment thereat."

The Secretary informed the Committee that one of their members had, during the past week, declined to sign two cheques payble to the Commissioner of Police for buggy-hire and compensation to Police Officers for clothing whilst on duty at fires, on the ground that all such charges ought, under Section 62 (*a*) of the Municipal Act, to be borne jointly by the Municipality and Government, and that being so, even a Budget grant did not legalize their falling wholly on the Municipal Fund.

On this point the Secretary reminded the Committee that the Budget grant for the Fire Brigade for the current year, Sections IV. and V., includes Rs. 2,400 for compensation to officers of the Police force for damage done to their clothing when on duty at fires and Rs. 5,940 for charges for buggy-hire, feed of horses, &c., to which the charges now payable to the Commissioner of Police are debitable.

No. 6854. The Committee expressed themselves satisfied that the charges are properly payable, and authorised the Secretary to apply to any member of the Committee for countersignature to the two cheques in question.

* *Note by the Secretary.*—Mr. Hawkes died on the 13th instant.

No. 6855. At the suggestion of Mr. Muncherjee N. Banajee, it was agreed that Mr. Baldwin Latham be invited to meet the Standing Committee, or a Sub-committee thereof, for the discussion of matters connected with the drainage of Bombay.

BOMBAY, 19*th February* 1890.

AT the Meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman*.

E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; DOSABHAI FRAMJI, Esq., C.S.I. ; FAZULBHOY VISRAM, Esq. ; JAVERILAL UMIASHANKAR YAJNIK, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner ; the CHIEF ACCOUNTANT ; and the SECRETARY.

On the question of the signing of the minutes of the last meeting, the word "varied" was inserted in place of the word "cancelled" in the Committee's Resolution No. 6842, *re* supply of road metal.

The minutes were then signed.

Pursuant to the provisions of Section 45 (1) of the City of Bombay Municipal Act, 1888, the Chairman of the Committee determined that the selection by lot of the six members of the Committee, who retire on the 1st day of April 1890, should be made at this meeting.

For the purpose of making such selection, two bags were, by order of the Chairman, provided by the Secretary : one bag was marked "Members appointed by Government," and the other "Members apppointed by the Corporation." In the bag for Government members were placed four cards of equal size, each enclosed in a sealed envelope ; on two of such cards were written the word "remain," and on the other two cards the word "retire." The Government members each drew a card from this bag and the members who drew the cards containing the word "retire" were the retiring members. In the bag for Corporation members were placed eight cards of equal size, each enclosed in a sealed envelope ; on four of such last mentioned cards were written the word "remain," and on the other four cards the word "retire." The seven Corporation members present each drew a card from this bag, and those who drew cards containing the word "retire" were the retiring members.

As Major Selby, the eighth Corporation member, was absent from the meeting at the time of drawing the lots, the Secretary, by direction of the Chairman, drew the card which Major Selby would have drawn. The Secretary wrote on the card drawn the name of Major Selby, and affixed his own signature below the name of Major Selby.

Every member present signed his name to the card drawn by him under the word "remain" or "retire" and then handed over his card to the Secretary.

After receiving all the cards, the Secretary submitted a list of the six retiring members, which was as follows, and the Chairman announced accordingly that the members who retire are: Col. G. L. C. Merewether, Mr. Mulji B. Barbhaya, Mr. Cowasjee Hormusjee, Mr. K. M. Shroff, Mr. Kaikhosro N. Kabraji, Mr. Thomas Blaney.

Read the following :—

Letter No. 2787, dated 17th instant, from the Chief Accountant, to the Commissioner, as under :—

SIR,—In continuation of this office Nos. 2723 and 2791, dated the 10th instant and this day, respectively, I have the honour to inform you that, in consequence of heavy payments on account of advances to the Tansa Dam and Duct contractors, &c., the sums already transferred from the Tansa Loan deposit account to the Municipal General Fund pass book during the current month aggregate Rs. 4,00,000, thus leaving a balance of only Rs. 1,00,000, available for further transfers out of the maximum sum of Rs. 5 lakhs fixed in the Standing Committee's Resolution No. 4484, dated 3rd October 1888, for transfers to be made in each month from Loan or Invested Funds.

The above balance will not be sufficient for further transfers that will have to be made up to the end of the current month to meet payments of the balances due to the above contractors for work done during the past month, and of the cost of bills of exchange already purchased for remittance to the Tansa pipe contractors and sundry other payments.

May I, therefore, request the favour of your obtaining the sanction of the above body to further transfers being made to the extent of, say, about 3 lakhs.

The Standing Committee, at their meeting held on the 15th ultimo, appear to have declined to increase the maximum sum fixed in their Resolution No. 4484, quoted above, as suggested in my No. 2432A, dated the 13th ultimo, but as, owing to payments on account of the Tansa works and of the cost of bills of exchange agreed to be purchased by us each month, up to June next, from the Hongkong and Shanghai Banking Corporation, for remittance to the Tansa pipe contractors, the sanction of that body to additional transfers will have to be obtained monthly up to June next, they might perhaps feel inclined to increase the maximum sum for transfers to be made, say

from January to June in each year, when the works are in full swing, to the extent of, say, about 8 lakhs per month.—I have, &c., SORABJEE NAVAROJEE COOPER, Chief Accountant.

No. 19418 OF 1889-90.

BOMBAY, 19*th February* 1890.

Submitted to the Standing Committee for favour of sanction.—E. C. K. OLLIVANT, Commissioner.

No. 7073. *Resolved* : "That for the reasons given in the Chief Accountant's letter No. 2787, dated 17th instant, and as recommended by the Commissioner in his memorandum No. 19418, dated this day, the sum fixed by the Committee in their Resolution No. 4484, dated 3rd October 1888, to be transferred this month from Loan or other Invested Funds, to the General Fund or other Loan Funds, be increased as a special case from Rs. 5 lakhs to Rs. 8 lakhs.

"That sanction be also given to the necessary transfers being made, from time to time, to the extent of 8 lakhs of rupees of such funds monthly from January to June in each year."

No. 7074. *Resolved* : "That the following be *recorded* :—Memorandum No. 19338, dated 18th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfers of Rs. 1,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 10th and 13th instant."

No. 7075. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19072, dated 13th instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of structure built without permission by Mr. Narsu Pandurang at No. 87, Umarkhari Road."

No. 7076. *Resolved* : "That, with reference to his undated letter received on the 15th instant, regarding the removal of certain works executed by him at his property No. 390, Falkland Road, Mr. Morlidhur Kutchoo be informed that his letter has been forwarded to the Commissioner for disposal."

No. 7077. *Resolved* : "That letter No. 19152, dated 14th instant, to the Secretary, as under, be *recorded* :—

SIR,—With reference to the resolution of the Town Council No. 112, dated 20th April 1887, I have the honour to state that in para. 2 of my

letter No. 963, dated 20th idem, I stated that a certain area was not included in the auction lots of ground on Ripon Road. Of this area 484 square yards were in front of houses, the owners of which agreed to pay the average auction price for this land. It now appears that the area is 304·97 square yards, and not 484 square yards, and the difference is on account of the latter having been calculated from Laughton's Survey maps, and the former is the result of actual measurement.—I have, &c., E. C. K. OLLIVANT, Commissioner.

No. 7078. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 19106, dated 13th instant, the rate for the 3·25 square yards, or thereabout, of ground taken up from Mr. Nazar Ali Hassan Ali Tambawala, for the improvement of Champawadi Lane, be increased from Rs. 20 to Rs. 30 per yard."

No. 7079. *Resolved* : "That the following be *recorded*:—Letter No. 19357, dated 18th instant, from the Commissioner, reporting that he has accepted the offer of Mr. Ardashir Manekji Vachaghandhy—the lowest received—for the supply of earth at the rate of Rs. 2-10-0 per brass for filling in at the Victoria Gardens."

No. 7080. *Resolved* : "That, as proposed in his letter No. 19432, dated this day, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Heptula Sheik Adam & Co. for the supply of petty stores and hardware during the year 1890-91 at schedule rates."

No. 7081. *Resolved* : "That the following be *recorded* :—Letter No. 19114, dated 13th instant, from the Commissioner, reporting that he has sold the right of gathering bhores from the trees in the compound of Mr. Varjiwandas Madhowdas' bungalow at Warli, to Bai Chima Marathin, for 3 months, from 18th December last, for Rs. 5."

No. 7082. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19431, dated this day, sanction be given to the transfer of Rs. 81-14-3, from savings in Section I., Establishment, Fire Brigade Budget, to the grant for printing Voters' List, Municipal Commissioner's Establishment, to meet excess in the latter grant."

No. 7083. *Resolved* : "That, with reference to their Resolution No. 6862, dated 13th instant, passed in accordance with Section 133 (2) of the Municipal Act, the Standing Committee request the decision of the

Corporation as to whether the following transfers proposed by the Commissioner should be sanctioned :—

	Rs.	a.	p.
Transfer from savings in the grants for a new night-soil depôt at the south end of DeLisle Road, and for vaccination quarters and stable, to the grant for a new night-soil depôt at the north end of DeLisle Road, to meet the cost of land required for the depôt and of filling in the land	20,782	0	0
Transfer from savings in Section I., purchase of materials, B., road repairs and maintenance, Engineer's Budget, to Section II, cart hire and labour, Rs. 17,500, Section IV., maintenance of steam rollers, Rs. 4,067, and Section V., stores and contingencies, Rs. 3,456, to meet excess up to the end of the current financial year on account of labour, maintenance of steam rollers, stores and contingencies	25,023	0	0
Transfer from savings in the grants for purchase of open spaces and for proposed Cholera Hospital, New Works, to Section II, coal, maintenance of Love Grove pumping station, Engineer's Budget, to meet excess over the grant for coal, caused partly by the difference between the Budget provision and the contract rate and partly by the increase in consumption in pumping out water from the old drain which was admitted during the S.-W. monsoon.	24,500	0	0
Transfer from savings in Section II., repairs to machinery, stores, &c., maintenance of Carnac Bunder night-soil pumping station, Health Department Budget, to Section II., construction of a small inlet well and fitting up a foot valve to the donkey suction pipe, to meet excess in the grant for the said work caused (1) by the sandy nature of the soil which necessitated plank shoring during the progress of the work, (2) by the substitution of broken pipes by new ones, and (3) the cost of pumping rain-water from the trenches owing to the early burst of the S.-W. monsoon	780	0	0
Total... Rs.	71,085	0	0"

Read letter, dated 11th instant, from Ilahi Buksh Butler, objecting to the levy of water and halalkhor taxes in respect of his chawl, 119, Pilot Street, Colaba.

Resolved: "That Ilahi Buksh Butler's letter be referred to the Commissioner for disposal, and that applicant be informed that, if he wishes to appeal against the amounts of the water and halalkhor taxes in respect of his chawl, he can apply in writing to the Municipal Commissioner; and that, if he is dissatisfied with the result of the Commissioner's decision, applicant can appeal to the Chief Judge of the Small Cause Court."

No. 7084.

A letter, dated 15th instant, signed by Mr. Mulji B. Barbhaya, claiming refund of Rs. 76-2-0, on account of water and halalkhor taxes in respect of property No. 614, Clive Road Cross Street, was returned to that gentleman,

as he stated that he was in no way interested or concerned in the property, and that the letter had been signed by him owing to the mistake of clerk who had placed the paper before him along with other papers, instead of handing it to the person who was really concerned.

Resolved: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 19397, dated this day."

No. 7085.

Read letter No. 19358, dated 18th instant, to the Secretary, as under :—

SIR,—At the last meeting of the Standing Committee, I referred to the illness of Mr. Hawkes, Resident Engineer on the Tansa Dam Works, and the consequent necessity for appointing another officer to undertake his duties during his absence. The arrangements suggested were approved, and Mr. Hill, whose services have been lent by Government, has already taken up the Tansa appointment. At the same time it was understood that Mr. Hawkes would have leave on full pay for 54 days from the date of his leaving Tansa, as that was the period of privilege leave which he had earned.

I regret to say that on the following day Mr. Hawkes died suddenly. I hope that under the circumstances the Standing Committee will sanction the payment to his representatives of the full amount of salary which would have been due up to the 20th March, the date on which the privilege leave would have terminated. As Mr. Hawkes was in the temporary employment of the Municipality, he was not entitled to any pension or gratuity, but, of course, if the Committee can see their way to make a special case of this, I need hardly add that I shall only be too glad. He did excellent service, and there is no doubt that his death was accelerated by illness contracted in the execution of his duty at Tansa.—I have, &c., E. C. K. OLLIVANT, Commissioner.

It was proposed by Colonel G. L. C. Merewether, seconded by Dosabhai Framji, Esq.—

"That the Corporation be recommended to sanction a grant of Rs. 4,500, being the equivalent of six months' salary."

To this an *amendment* was proposed as follows by Muncherjee N. Banajee, Esq., seconded by Fazulbhoy Visram, Esq.:—

"That, as a special case and in consideration of the fact that the death of Mr. Hawkes, late Resident Engineer at Tansa Water Works, was accelerated by illness contracted in the execution of his duty at Tansa Dam, the Corporation be recommended to sanction the payment to his legal representatives of a gratuity of Rs. 2,250.

No. 7086.

"That this charge be debited to the current year's Tansa Water Works allotment."

On a division, there were 2 votes *for* and 7 *against* the motion, which was lost.

The *amendment* was then *carried as the substantive motion.*

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 16th February 1890.*

The following returns were read and *recorded* :—

Returns of fires at Arthur Road, Parel, Barbhai Mohla, Nagdevi Street, New Nagpada, and Kurshetji Suklaji Street, forwarded with the Commissioner's memoranda Nos. 19076, 19288 and 19394, dated respectively 13th, 15th and 18th February 1890.†

No. 7088. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19395, dated this day, sanction be given, under Sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Hariba Naroba, for the recovery of Rs. 25 (including 8 annas notice fee) on account of wheel tax bills for the quarters ended respectively 31st March and 30th June 1889."

No. 7089. The seal of the Corporation was affixed to the duplicate of the supplementary contract with Messrs. Walsh, Lovett, Mitchell & Co., Contractors for the Tansa Duct Works.

The seal was also affixed to 7 renewals of old bonds, namely, Drainage Loan of 1878, as under :—2 of the value of Rs. 500 each, Nos. 3407 and 3953, and 5 of the value of Rs. 5,000 each, Nos. 1858, 1867, 1868, 1877, 1878, 1887, 1888, 1897, 1898 and 1907, of the aggregate value of Rs. 26,000.

Read letter No. 19421, dated this day, to the Secretary, as follows :—

SIR,—I have the honor to forward herewith copy of a letter with copy of the accompaniment, received from Mr. Dorabjee Cursetjee Shroff, on the subject of constructing a new road from Jakeria Bandar Road to the Sewri Cemetery, and to recommend that the Corporation may be asked to sanction the proposal on the conditions stated.—I have, &c.,

E. C. K. OLLIVANT, Commissioner.

Also letter, dated 13th idem, to E. C. K. Ollivant, Esq., C. S., C.I.E., Commissioner, as follows :—

SIR,—Referring to past interviews on the subject of a public road from Jakeria Bunder Road to the Sewri Cemetery through my property at Sewri, I beg to make the following offer, noting at the same time that it has been cut down to its present proportions at your instance.

* *See* Appendix B. † *See* Appendix D.

My offer is, that I should give to the Municipality free of cost, through my property, vacant land for the purpose of a public road to be constructed by it of the width of 40 feet and extending from Jakeria Bunder Road to the northern boundary of my property along the Golangee Hill road, opposite the Sewri Cemetery, the course of which road is particularly shown upon the plan herewith sent, and that this road should be commenced by the Municipality within three months and to be completed within a year.

As to the existing private road on my property which the new road will absorb, it is understood that the same shall be used by the 4 mill companies, owning properties alongside of it, and by my other tenants until the new road is made.

I may state that the land which I propose to give to the Municipality admeasures no less than 16,000 square yards, and the last plot, sold by me near the road, was at rupees two per square yard.

Begging to be favoured with an early reply.—I beg, &c.,

DORABJEE CURSETJEE SHROFF.

Proposed by Cowasjee Hormusjee, Esq., seconded by K. M. Shroff, Esq.—

"That, as proposed by the Commissioner in his letter No. 19421, dated this day, the Corporation be recommended to accept the offer of Mr. Dorabjee Cursetjee Shroff, and to sanction, under the terms of Section 291 (*b*) of the Municipal Act, the making of a new street 40 feet in width, from Jakeria Bunder Road to the Seweri Cemetery, as shown in blue lines on the tracing marked A, dated this day, (and filed in the supplement to minute books), accompanying the Commissioner's above letter, on the following condition:—

No. 7090.

"That Mr. Dorabjee Cursetjee Shroff gives up and conveys to the Corporation, free of cost, a plot of land, admeasuring 16,000 square yards, or thereabout, required for the construction of the proposed road 40 feet in width."

Carried.

BOMBAY, 26*th February* 1890.

AT the meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

The EXECUTIVE ENGINEER; the ASSISTANT EXECUTIVE ENGINEER; and the SECRETARY.

The minutes of the meeting held on the 19th instant, were signed.

Resolved: "That the following be *recorded*:—Memorandum No. 19668, dated this day, from the Commissioner, reporting, with reference to the

No. 7264.

Resolutions of the Standing Committee, Nos. 4484 and 7073, dated 3rd October 1888 and 19th instant, the transfers of Rs. 2,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 19th and 20th instant."

No. 7265. The seal of the Corporation was affixed to deed of contract with Messrs. Warden & Co. for the supply of Nine Elm's cement for Water Works at Rs. 9-4-0 per cask of 3½ cwt.

Considered the following report by the Committee of the Corporation *re* reception in Bombay of H. R. H. Prince Albert Victor of Wales, K.G. :—

Referring to the Resolution of the Corporation, as per margin, passed on the 13th instant, the Committee appointed on the 19th September last beg to suggest that, as the general scheme of entertainment is to include the illumination of the Government-buildings in the Fort, the Municipality should provide for the illumination of the statues of H. M. the Queen-Empress and of H. R. H. the Prince of Wales, and the Municipal Offices.

1. That the Corporation will cordially co-operate in giving a suitable reception to H. R. H. Prince Albert Victor of Wales.
2. That the question of the method in which the Corporation should co-operate with the general public in arranging for the reception be deferred until the Corporation have received the report of their Committee and until it is known what the views are of the Committee appointed at the public meeting in the Town Hall.
3. That the Hon'ble Mr. Bayley be informed accordingly.

That an entertainment be given in the Victoria Gardens to be held by day so as to fit in with and form part of the general scheme. Such fête to include a Flower, Fruit and Vegetable Show and an exhibition of horses and cattle, and to be supplemented by any attractions which may be found feasible. The Committee regret to state that the projected exhibition of the products and manufactures of Western India has had to be abandoned owing to the outlay involved, though, from the interest which was shown in the proposal and the liberal promises of support received, the collection would have been of much interest and of considerable value as illustrative of the natural products and industries of the Presidency.

The approximate cost of the fête is estimated at Rs. 12,500, and that for illumination at Rs. , or Rs. in all.

The Committee recommend that a farewell Address be presented to the Prince on his departure in accordance with the precedent on the occasion of the departure of H. R. H. the Prince of Wales at the close of his Indian tour.

BOMBAY, 25*th February* 1890.

GRATTAN GEARY.
R. M. SAYANI.
G. L. MEREWETHER.
JAVERILAL U. YAJNIK.
A. M. GUBBAY. †

Copy forwarded to the Standing Committee with reference to their Resolution No. 4784, dated 6th November 1889.

25*th February* 1890.

GRATTAN GEARY,
President, Municipal Corporation.

† *Note.*—Mr. Phirozeshah M. Mehta is absent from Bombay.

Proposed by Cowasjee Hormusjee, Esq.—

"That, with reference to their Resolution No. 4746, dated 31st October 1889, the Corporation be recommended to sanction a grant of Rs. 12,500, from Surplus Cash Balance towards the cost of the reception of H. R. H. Prince Albert Victor, namely, Rs. 8,000 for the Flower and Horse Show in the Victoria Gardens, Rs. 2,000 for the general illuminations, and Rs. 2,500 for the fair on the Esplanade."

Amendment moved by Dosabhai Framji, Esq.—

"That, with reference to their Resolution No. 4746, dated 31st October 1889, the Corporation be recommended to sanction a grant of Rs. 15,000, from Surplus Cash Balance, towards the cost of rejoicings on the occasion of the return visit of H. R. H. Prince Albert Victor, namely, Rs. 8,000 for the Flower and Horse Shows in the Victoria Gardens, Rs. 2,000 for the illumination of the Municipal buildings, the statues, &c., and Rs. 5,000 for the fund raised by the public."

The *amendment* was *withdrawn*.

Amendment, moved by Mulji B. Barbhaya, Esq., seconded by Fazulbhoy Visram, Esq.—

"That, with reference to their Resolution No. 4746, dated 31st October 1889, the Corporation be recommended to sanction Rs. 21,000, from Surplus Cash Balance, towards the reception of H. R. H. Prince Albert Victor of Wales on the occasion of his return visit, namely, Rs. 12,500 for the Flower and Horse Shows in the Victoria Gardens, Rs. 3,500 for the illumination of the Municipal Office building, statues, and the Wellington and Frere fountains, and Rs. 5,000 for the fund raised by the public."

No. 7266.

The original motion was *withdrawn*, and the amendment of Mr. Mulji thereupon became the substantive proposition.

Amendment moved by Kaikhosro N. Kabraji, Esq.—

"That the Corporation be recommended to grant Rs. 15,000 in all, of which Rs. 5,000 be given to the General Reception Fund and Rs. 5,000 towards the illumination of Municipal properties, including the hanging gardens on the Malabar Hill."

Not seconded.

It was decided that votes be taken separately on each of the 3 items mentioned in Mr. Mulji's motion.

On a division, the votes were as under :—

	For.	*Against.*	
Rs. 12,500 for the Flower and Horse Shows in the Victoria Gardens...	10	1	*carried.*
Rs. 3,500 for the illumination of Municipal building and statues	*Carried unanimously.*		
Rs. 5,000 for the general fund	*Carried nem. con.*		

The proposition was then *carried* as the *substantive motion.*

Read memorandum No. 19576, dated 22nd instant, from the Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 5454, dated 18th December last, letter No. 23646, dated 20th January last, from the Health Officer, as under :—

SIR,—In reference to your letter No. 17485 of the 15th instant, I have the honour to request instructions. To each report there are attached distinct returns of mortality. The diagram was prepared at the request of the Town Council. I would point out that when the reports were long they were considered too long, and afterwards when they were shortened I was requested to write longer reports.—I have, &c., T. S. WEIR, Health Officer.

Resolved : "The Commissioner to be informed that the Standing Committee request that the terms of their Resolution No. 5454, dated 18th December last, may be carried out by the Health Officer."

No. 7267.

Resolved : "That the Health Officer's report* for the 4th quarter of 1889 be forwarded to the Corporation."

No. 7268.

The consideration of the proposals of the Commissioner regarding tenders for supplies and works during the ensuing year, as also of letter, dated this day, from Mr. Sitaram Lakshman, *re* annual repairs, was postponed.

Resolved : "That letter, dated 24th instant, from Mr. Damodar Harishankar Joshi, regarding repairs to his house Nos. 28 to 32, Bhoiwada 2nd Row, be forwarded to the Commissioner in continuation of the Committee's Resolution No. 6443, dated 29th ultimo, and that the applicant be informed accordingly."

No. 7269.

The consideration of the Corporation's Resolution No. 7238 of 1890, regarding the cost of additional filter beds at Vehar and Bhandarwada was postponed, and it was agreed that the Commissioner be asked to furnish the estimate of the works in question at as early a date as possible.

No. 7270.

* *See* Appendix **A**.

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 23rd February 1890.*

The following returns were read and *recorded* :—

Returns of fires at Arthur Road, Duncan Road, Cleveland Bandar, Warli, and Kazi Sayad Street, forwarded with the Commissioner's memoranda Nos. 19447 and 19567, dated 19th and 22nd February 1890†.

Read memorandum, dated this day, from the Secretary, as under :—

THE CHAIRMAN, STANDING COMMITTEE.

The undersigned begs to draw attention to the fact that the Report of the Select Committee of the Legislative Council of India on the "Indian Railways Bill," republished in the last *Bombay Government Gazette*, makes no allusion to the objections to the Bill raised by the Corporation, and as set forth in the President's letter to H. E. the Viceroy, No. 3943, dated 28th September 1889.

In the amended Bill, Section 7, the objectionable provisions allowing the construction of railways over gas pipes and the like without the previous permission of the Municipality are retained, the only modification in the amended Bill being, that powers conferred upon railway administrations in this section are to be subject to the control of the Governor-General in Council.

Sections 8 and 9.—In like manner, the representations made by the Corporation in regard to these sections have been unattended to.‡

Section 14.—Here again the strong representation and remonstrance made by the Corporation regarding the construction of overbridges and underbridges by railway administrations have been wholly unattended to, and the section retains its original objectionable form.

Section 135 (*formerly* 131.)—No attention whatever seems to have been paid to the strong representation made by the Corporation in respect to the provision of taxation of railways by local authorities and the amended Bill still provides that railway administrations shall not be liable to pay any tax in aid of the funds of any local authority unless the Governor-General in Council has by notification in the *official Gazette* declared the railway administration liable to pay the tax. As this amended Bill altogether ignores the representations of the Corporation, the Standing Committee may, perhaps, consider it desirable to recommend that a memorial should be forthwith forwarded to the Right Hon'ble the Secretary of State in the terms of the Corporation's letter to the Government of India, No. 3943, dated 28th September last.

H. W. BARROW.

Proposed by Javerilal U. Yajnik, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That the Corporation be recommended to submit a memorial to the Right Hon'ble the Secretary of State for India in the terms of letter from

No. 7272.

* *See* Appendix B. ‡ *See* Appendix D.

the President to the Government of India, No. 3943, dated 28th September last, praying that the amended Indian Railway Bill may be further amended so far as its provisions relate to the City of Bombay."

Carried.

No. 7273. *Resolved* : "That sanction be given to the cutting off of the water connections as per list accompanying the Commissioner's memorandum No. 19663, dated this day."

No. 7274. *Resolved* : "That, with reference to their Resolution No. 2894, dated 7th August 1889, and, as applied for by the Municipal Secretary, the Standing Committee confirm the appointment of Vishram Bhau as peon, Corporation and Standing Committee's Establishment, from 1st ultimo."

BOMBAY, *5th March* 1890.

AT the meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 26th ultimo, were signed.

No. 7380. *Resolved* : "That the following be *recorded* :— Memorandum No. 19986, dated 4th instant, from the Commissioner, reporting, with reference to the Resolutions of the Standing Committee Nos. 4484 and 7073, dated 3rd October 1888 and 19th ultimo, the transfers of Rs. 2,00,000, from the Tansa Loan deposit account No. 1, to the Municipal General Fund pass book, on the 27th and 28th ultimo."

Proposed by Dosabhai Framji, Esq., seconded by Mulji Bhawanidas Barbhaya, Esq.—

No. 7381. "That, with reference to their Resolution No. 7278, dated 27th ultimo, the Corporation be recommended to sanction a grant of Rs. 3,000, from Surplus Cash Balance, to provide for the pay of Mr. H. A. Acworth, C. S., as Deputy Commissioner for two months."

Carried.

The Chairman informed the Committee that, in accordance with their Resolution passed on 12th ultimo, he saw Mr. Baldwin Latham, who will be very happy to meet the Committee at the next meeting.

Considered Resolution of the Corporation No. 7280, dated 27th ultimo, asking the Committee to reconsider their recommendation regarding the grant of Rs. 21,000, towards the cost of the Reception of H. R. H. Prince Albert Victor of Wales; also the following letter, dated 1st instant, from the Honorary Secretary, Flower, Fruit, and Vegetable Committee to the Municipal Secretary.

SIR,—I have the honour to inform you that the Committee for organizing a Flower, Fruit and Vegetable Show at their meeting on the 27th ultimo, passed the following resolutions :—

The Committee are of opinion that the Honorary Secretary be instructed to apply to the Municipal Corporation for a grant of Rs. 7,000 instead of Rs. 5,000 previously applied for as the approximate estimate for the proposed pavilion for housing the exhibits has been found to exceed the intended cost by from Rs. 1,500 to Rs. 2,000.

The Committee are also of opinion that part of the entertainment should be an evening fête at which illuminated fountains should form a special attraction and that Mr. Tomlinson be requested to estimate the cost of these additions to the entertainment.

After consideration the Committee propose the entrance fees to be 8 annas on each of the first two days, 1 Rupee for a family of four persons, and four annas for children under 10 years.

The Committee further fixed the 25th, 26th and 27th as the probable dates for the Show which should be open from 4 to 11 p. m. on the first day and from 7 a. m. to 7 p. m. on the following two days.—I have, &c., G. CARSTENSEN, Honorary Secretary, Flower, Fruit and Vegetable Show Committee.

Proposed by Major Selby—

"That, with reference to their Resolution No. 7280, dated 27th ultimo, the Corporation be recommended to contribute Rs. 17,500, towards the general expenses of the Reception of Prince Albert Victor of Wales, and Rs. 12,500, towards the cost of the day fête in the Victoria Gardens, subject to the opinion of the Solicitors to the Corporation that it is legal under Section 63 (*l*) of the Municipal Act to contribute towards a fête at which it is proposed to charge fees for admission."

Not seconded.

Proposed by Cowasjee Hormusjee, Esq., seconded by Fazulbhoy Visram, Esq.—

"That, with reference to their Resolution No. 7280, dated 27th ultimo, the Corporation be recommended to sanction a grant of Rs. 12,500, for

No. 7382.

the Victoria Garden day fête ; Rs. 7,500, for the illumination by the municipal executive of the Municipal offices, the statues of H. I. M. the Queen Empress, and the Prince of Wales, and the Wellington and Frere fountains, and the hanging gardens at Malabar Hill ; and Rs. 10,000, for the general reception fund : total Rs. 30,000."

Moved by Colonel Merewether—

"That the Corporation be recommended to contribute a sum of Rs. 25,000, towards the entertainment proposed on the occasion of the visit of H. R. H. Prince Albert Victor of Wales, Rs. 12,500, being applied to the day entertainment at the Victoria Gardens, and the remainder towards the evening illuminations in the Fort. Such illumination to include the municipal office buildings, statues and fountains which should be carried out by the municipal executive and such other premises as may be approved by the General Reception Committee."

Not seconded.

Amendment moved by Dosabhai Framji, Esq., seconded by E. B. Carroll, Esq.—

"That, with reference to their Resolution No. 7280, dated 27th ultimo, the Corporation be recommended to sanction Rs. 30,000, as a contribution towards the funds for the reception of H. R. H. Prince Albert Victor of Wales, namely Rs. 12,500, for flower, fruit, and horse shows in the Victoria Gardens, Rs. 5,000, for the illumination of the Municipal office, two statues and fountains, and the hanging gardens at Malabar Hill, and Rs. 12,500, towards the general reception fund."

Withdrawn.

Amendment moved by Major Selby, seconded by Javerilal U. Yajnik, Esq.—

"That the Corporation be recommended to sanction a grant of Rs. 17,500, to the general entertainment fund and Rs. 12,500, to the Victoria Gardens day fête. But that the opinion of the Solicitors be taken whether it be legal under Section 63 (*l*) of the Municipal Act for entrance fees to be charged at any fête, the costs of which are borne by the Municipal Fund."

On a division, there were 4 votes *for* and 7 *against* the amendment, which was *lost.*

The motion proposed by Mr. Cowasjee Hormusjee was *carried* by 6 votes against 2.

On the motion of Mulji B. Barbhaya, Esq., seconded by Muncherjee N. Banajee, Esq., it was—

No. 7383. *Resolved*: "That the Honorary Secretary, Flower, Fruit and Vegetable Show Committee be informed in reply to his letter of 1st instant, that the Committee have recommended the Corporation to make a grant of Rs. 12,500 for a Victoria Garden day fête."

No. 7384. *Resolved*: "That the following letter No. 19782, dated 28th ultimo, from the Commissioner be forwarded to the Corporation for information."

SIR,—I have the honour to report for the information of the Standing Committee that, pursuant to the Resolution of the Corporation, dated the 30th January last, the arrangements thereby sanctioned with Messrs. Walsh, Lovett, Mitchell & Co., the contractors for the Tansa Duct, have been carried out; a supplemental contract in terms of the said Resolution having been entered into with Messrs. Walsh, Lovett, Mitchell & Co. on the 20th instant.

2. I have further the honour to report that under the same sanction an advance of Rs. 1,20,000 on account of the increased rates conditionally agreed to in respect of work executed prior to 1st November 1889, was on the same date (20th instant) made to Messrs. Walsh, Lovett, Mitchell & Co. upon the security of an assignment by way of mortgage to the Corporation of their entire plant now and in future to be brought on the works, the Municipal Inspectors being placed in possession of such plant on behalf of the Corporation, but the contractors of course being permitted the free use of it for the purposes of the work.—I have, &c.—E. C. K. OLLIVANT, Commissioner.

No. 7385. *Resolved*: "That, as recommended by the Commissioner in his memorandum No. 19839, dated 1st instant, the rate fixed by the late Town Council in their Resolution No. 3047, dated 18th July 1888, for the 117·33 square yards of ground, or thereabout, taken up from Mr. Manekchand Nagsi, for the improvement of Currey Road, be increased from Rs. 3 to Rs. 4-8-0 per yard, with interest at 6 per cent. from the date on which the ground was rendered useless to the owner."

Proposed by Colonel G. L. C. Merewether, seconded by Fazalbhoy Visram, Esq.—

No. 7386. "That, with reference to his letter No. 19643, dated 25th ultimo, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Fakirji Pestonji & Co. for annual repairs, petty works,

and supply of building materials during the year 1890-91 at schedule rates.

"That letter from Mr. Sitaram Luxumon, dated 16th ultimo, regarding the above tender, be *recorded.*"

Carried.

No. 7387. *Resolved*: "That, as proposed in his letter No. 19644, dated 25th ultimo, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Vishnu Narsingrao and Tukaram Ramji, for the supply of sand-stone, sea-sand, &c., during the year 1890-91 at the following rates per brass :—

Sandstone, Rs. 8-14-0 ; seasand or shingle, Rs. 15-1-0 ; shells, Rs. 15-1-0 ; Thana sand, 1st quality, Rs. 10-8-0 ; and Thana sand, 2nd quality, Rs. 8-8-0."

No. 7388. *Resolved:* "That, as proposed in his letter No. 19664, dated 26th ultimo, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Byramjee Jehangir & Co., for the supply of bullocks and carts during the year 1890-91, at the following rates :—

Single bullock with Bhistee for each per diem, Re. 0-10-0 ; Bullock pairs complete (with driver) per diem Re. 0-14-3; Bullock carts complete (with driver), per diem, Rs. 1-2-0; Excess number of bullock pairs (with driver), per diem, Rs. 1-1-0 ; Excess carts, per diem, Rs. 1-6-0 ; Bullock carts beyond Bombay (with driver), per diem, Rs. 3-0-0, exclusive of Municipal Toll Fees ; Do. pairs do. (do.) do. Rs. 2-0-0 do.

No. 7389. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 20039, dated this day, sanction be given to the transfer of Rs. 583-7-4, from savings in Section II, A, Streets and Banders, Gas lighting, Engineer's Budget, to the grant for Election expenses, to meet excess in the latter grant up to the end of the current financial year.

"That sanction be also given under Section 28 (a) of the Municipal Act, to the payment of Rs. 45, from the grant for Election expenses, to meet the cost of Staff employed at the Election by Ratepayers held on the 13th January last."

No. 7390. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 20033, dated this day, sanction be given to the transfer of Rs. 262, from savings in Section II, Office Establishment, Assessment and Collection Department Budget, to Section V, Receipt Stamps, same Budget, to meet excess in the latter grant up to the end of the current financial year."

Read letter No. 2873, dated 25th ultimo, to the Commissioner as under :—

SIR,—I have the honour to state that the grant provided for expenditure on the Tansa Water Works during the current official year which will expire on the 31st proximo, amounts to Rs. 30,86,000, out of which Rs. 28,64,883-4-7 have already been expended, leaving an available balance of only Rs. 2,21,116-11-5 which will not be sufficient to meet the cost of work already done and to be done by the Dam and Duct Contractors during the current month, the amount payable to the Tansa Pipe Contractors for supply of iron works and establishment and contingent, &c., charges that may have already been or may be incurred up to the end of the present month.

The Executive Engineer considers that a further grant of about Rs. 5,00,000 will be sufficient for all requirements up to the end of March next. The larger expenditure is due to the fact that the outturn of work has been larger than was anticipated. May I therefore request the favour of your obtaining the sanction of the Standing Committee and the Corporation to the extra grant required as above being met out of the unappropriated balance of Rs. 9,58,513-11-10 on account of the Tansa Loan taken credit for in the Loan Works Budget for 1890-91.

This will reduce the Loan Fund Balance at the close of 1890-91 from Rs. 15,18,618-14-3 as per statement No. 15 to Rs. 10,18,618-14-3. —I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

No. 19785 OF 1889-90.

BOMBAY, 28*th February* 1890.

Forwarded to the Municipal Secretary for favour of sanction of the Standing Committee.—E. C. K. OLLIVANT, Commissioner.

No. 7391. *Resolved* : "That for the reasons given in the Chief Accountant's letter No. 2873, dated 25th ultimo, and as proposed by the Commissioner in his memorandum No. 19785, dated 28th idem, the Corporation be recommended to sanction the payment of five lakhs of rupees, from the unappropriated balance of Rs. 9,58,513-11-10, on account of the Tansa Loan taken credit for in the Loan Works Budget for the year 1890-91, to provide for the cost of work done by the Tansa dam and duct contractors, of iron work supplied by the Tansa pipe contractors, and Establishment and other Contingent charges incurred up to the end of the current financial year."

No. 7392. *Resolved*: "That letter, dated 25th ultimo, from Mr. Narotamdas Harjivan Kika, claiming refund of Rs. 76-2-0, paid on account of Water tax and Halalkhor tax in respect of his property Nos. 6—14, Clive Road Cross Street, be forwarded to the Commissioner, and that the applicant be informed that, if he wishes to

appeal against the amounts of these taxes levied in respect of his godowns, he can apply in writing to the Commissioner; and that if applicant is dissatisfied with the result of the Commissioner's decision, he can appeal to the Chief Judge of the Small Causes Court."

No. 7393. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 20027, dated this day."

Considered the Progress Reports, up to the end of January 1890, of new works now in course of construction.*

No. 7394. *Resolved*: "That the Progress Reports, up to the end of January 1890, of new works now in course of construction be *recorded*."

The following statement was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 2nd March 1890.†

The following returns were read and *recorded*:—

Returns of fires at Elphinstone Road, Don Tad Street, and Sarang Street, forwarded with the Commissioner's memoranda Nos. 19726 and 19727, dated 27th February, and No. 19819, dated 1st March 1890.‡

No. 7396. *Resolved*: "That letter, dated 3rd instant, from Mr. Sanwar Bajari, complaining of the overflow of cesspool attached to his house No. 26, Barek Gully, Girgam Back Road, be forwarded to the Commissioner for disposal, and that the applicant be informed accordingly."

No. 7397. *Resolved*: "That, as recommended by the Commissioner in his letter No. 20034, dated this day, sanction be given to the payment of an advance of Rs. 10,000, to Messrs. Hirji and Raoji, Contractors for the Pawai Dam works, against the value of building materials already delivered on the works. The advance to be adjusted by debit against the Contractor's monthly bills."

---

* *See* Appendix C. † *See* Appendix B. ‡ *See* Appendix D.

BOMBAY, 12*th March* 1890.

AT the meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R. E.

E. C. K. OLLIVANT, Esq., C. S., C.I.E., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 5th instant, were signed.

No. 7568. *Resolved* : "That the following be *recorded*:— Memorandum No. 20305, dated 10th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfers of Rs. 2,25,000 from (1) the Tansa Loan deposit account No. 1, Rs. 1,25,000, to the Municipal General Fund pass book, on the 4th and 5th instant, and (2) the Miscellaneous Works Loan deposit account, Rs. 1,00,000 to ditto, on the 5th idem."

No. 7569. *Resolved* : "That, under the circumstances mentioned in the Executive Engineer's letter No. 20595B, dated 11th instant, and as applied for by the Commissioner in his memorandum No. 20421, dated this day, the Standing Committee assent to the Commissioner's disapproving of the erection of buildings by Bai Mariambibi on a site to the west of Haines Road, shown in yellow colour on the tracing* (No. 78B of 1889-90) marked A, dated this day, as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 7570. *Resolved* : "That, under the circumstances mentioned in the Executive Engineer's letter No. 20593 B, dated 11th instant, and as applied for by the Commissioner in his memorandum No. 20422, dated this day, the Standing Committee assent to the Commissioner's disapproving of the erection of buildings by Mr. Ezikiel Daniel Rohikar on a site to the west of Haines Road shown in yellow colour on the tracing* (No. 77 B of 1889-90), marked B, dated this day, as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

* Filed in Supplement to Minute Book for 1889-90, marked A.

Resolved: "That, under the circumstances mentioned in the Executive Engineer's letter No. 20594B, dated 11th instant, and as applied for by the Commissioner in his memorandum No. 20423, dated this day, the Standing Committee assent to the Commissioner's disapproving of the erection of buildings by Mr. Adamji Esmail on a site on the proposed 40 feet road from Ripon Road to Clare Road, shown in yellow colour on the tracing* (No. 76 B of 1889-90), marked C, dated this day, as the position and direction of the streets likely to be required in the future in the said locality have not yet been laid down or determined."

No. 7571.

The seal of the Corporation was affxed to 188 debentures of the Agripada house sullage water connection Loan, Nos. 1 to 188, both inclusive, of the value of Rs. 94,000.

Resolved: "That, as recommended by the Commissioner in his memorandum No. 20158, dated 8th instant, sanction be given, under section 92 (*b*) of the Municipal Act, to 4" cast iron pipes and fittings being issued to Messrs. Hirji and Rowji, contractors for the construction of the Pawai dam, on the following conditions:—That Messrs. Hirji and Rowji pay, by deductions from their next monthly bill, the ordinary value of the pipes and fittings; that they bear all charges of removal and return; that the pipes and fittings be returned before the 30th June next; that the contractors bear the cost of cleaning and testing the pipes on return; that they receive refund at the same rates as they now are to pay, for the good pipes and fittings returned, less 15 per cent. for wear and tear."

No. 7572.

Resolved: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 20417, dated this day."

No. 7573.

The Chairman introduced Mr. Baldwin Latham to the Committee, and Mr. Latham gave a variety of information regarding the drainage system of Bombay and stated that he has completed his report on the subject.

Resolved: "That the thanks of the Standing Committee be tendered to Mr. Baldwin Latham for attending this meeting and for the very valuable information regarding the drainage of Bombay, which he has communicated to the Committee at this meeting."

No. 7574.

* Filed in the Supplement to Minute Book for 1889-90, Marked A.

BOMBAY, 19*th March* 1890.

AT the Meeting of the Standing Committee, held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman.*

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.; MAJOR H. O. SELBY, R.E.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; and the SECRETARY.

The minutes of the Meeting held on the 12th instant, were signed.

No. 7819. *Resolved* : "That the following be *recorded* :—Memorandum No. 20822, dated this day, from the Commissioner, forwarding copy of letter No. 1079, General Department, dated 15th instant, from Mr. Chief Secretary Nugent, stating that, under Section 46 (1) of the Municipal Act, 1888, H. E. the Governor in Council is pleased to re-appoint Colonel G. L. C. Merewether, R.E., and Mulji Bhawanidas Barbhaya, Esq., as members of the Standing Committee."

No. 7820. *Resolved* : " That the following be *recorded* :—Memorandum No. 20770, dated 18th instant, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfers of Rs. 2,75,000, from (1) the Miscellaneous Works Loan of 1888-89 deposit account, Rs. 2,50,000, to the Municipal General Fund pass book, on the 10th, 13th and 15th instant, and (2) the Tansa Loan deposit account, Rs. 25,000, to ditto, on the 11th idem."

No. 7821. *Resolved* : " That, as applied for by the Commissioner, in his memoranda Nos. 20625, 20626 and 20627, dated 15th instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

Names of owner.	Where.
Bai Lakshmibai, widow of Mr. Vinayak Jaganath Sankarsett.	Building at Tardeo Road.
Sayad Ismail Sayad Haziz	Building at Jakaria Bandar Road (Sewri).
Bai Manekbai, wife of Mr. Fardunji M. Banaji.	Building at No. 72, Nepean Sea Road."

Resolved: "That, as recommended by the Commissioner, in his memorandum No. 20159, dated 8th instant, the rate fixed by the late Town Council in their Resolution No. 1852, dated 13th June 1888, for 50·17 square yards of land, or thereabout, taken up from Mr. Narayan Ganpat, for the improvement of Dongri Street, be increased from Rs. 45 to Rs. 75 per yard." No. 7822.

On the motion of Colonel G. L. C. Merewether, seconded by E. B. Carroll, Esq., it was—

Resolved: "That the rate of compensation sanctioned by the late Town Council in their Resolution No. 174, dated 5th May 1886, for the 161·17 square yards of ground, or thereabout, taken up from Mr. Atmaram Pandurang for the improvement of Chowpati Road, be increased from Rs. 5 to Rs. 10 per yard." No. 7823.

The seal of the Corporation was affixed to deed of covenant and bond between Mr. Abdul Karim Hadji Tyab, to secure the removal hereafter (if required) of additions made in contravention of the Municipal Act, to house Nos. 253—255, Kambekar Street. No. 7824.

The seal was also affixed to deeds of contract—

With Messrs. Tukaram Vithoba & Co., for the supply, during 1890-91, of hay at Rs. 8-11-0 per 1,000 lbs., green grass at Rs. 4-15-0 per 1,000 lbs., and rice straw at Rs. 7-13-0 per 1,000 lbs. No. 7825.

With Mr. Ramji Bapubhai, for the supply, during 1890-91, of Oorid at Rs. 37-4-0 per 1,000 lbs., gram at Rs. 35-15-0 ditto, barley at Rs. 31 ditto, bran at Rs. 31 ditto, rice or matra at Rs. 29 ditto, oil-cake at Rs. 43 ditto, and salt at Rs. 41 ditto. No. 7826.

The seal was also affixed to 3 renewals of old bonds, namely, Sanitary Works Loan of 1885, Nos. 2467 N.N., 2490 N.N., and 2768 N.N., of the value of Rs. 500 each.

Resolved: "That the following be *recorded*:—Memorandum No. 7763, dated 17th instant, from the Municipal Secretary, forwarding copy of Government letter No. 1036, General Department, dated 11th idem, stating that H. E. the Governor in Council is pleased, under Article 815 (*a*) of the Civil Service Regulations, to exempt Mr. H. A. Acworth, C. S., from the payment of leave and pension contribution for the period for which he performs the duties of Deputy Commissioner." No. 7827.

Proposed by Colonel G. L. C. Merewether, seconded by E. B. Carroll, Esq.—

"That, as applied for by the Commissioner, in his memo-
No. 7828. randum No. 20219, dated 8th instant, the Standing Committee hereby approve of his issuing an order in writing, under the terms of Section 230 of the Municipal Act, authorizing the Executive Engineer, Presidency, to carry a drain from the Wilson College premises in Chaupati Road, into, through or under the land belonging to Mr. Kamrudin Amirudin, to the Municipal drain in that road.

"That, in according their approval the Committee desire to place it on record that such approval is given on the understanding that Government accept all future liability for any claim that may hereafter be made for carrying the said drain into, through, or under the land of Mr. Kamrudin Amirudin."*

Carried.

Resolved: "That, as proposed in his letter No. 20419,
No. 7829. dated 12th instant, sanction be given to the acceptance by the Commissioner of the tender of Mr. Hasanali Abdulali, for the supply of stationery during the year 1890-91, at schedule rates.

"That sanction be also given to the acceptance of the tender of Messrs. Moosabhoy Adamjee & Son, for the supply of drawing materials during the year 1890-91, at schedule rates."

Resolved: "That the following be *recorded*:—Letter
No. 7830. No. 20573, dated 14th instant, from the Commissioner, reporting that he has accepted the tender of Messrs. F. De Jesus and Shapurji Hormasji, the lowest of 5 tenders received, for laying 4" pipes in various streets, at rates amounting to Rs. 1,805-7-0 *plus* 10 per cent. contingencies, Rs. 180-9-0, total Rs. 1,986."

Resolved: "That the following papers relating to the open-
No. 7831. ing of temporary hospital at Kamathipura, for small-pox, be forwarded to the Corporation :—

Letter No. 26559, dated 19th February 1890, to the Commissioner, as under :—

"Sir,—I have the honor to inform you that two patients suffering from small-pox who were refused admission at the J. J. Hospital have

* The words "for any claim" to the end of the resolution were added on the suggestion of Mr. Mulji B. Barbhaya.

had to be admitted by me into the Kamathipura Hospital. I have detached a Sub-Inspector to act as apothecary of the hospital. I have to request your permission for Dr. Choksy who had charge of the hospital before, to act in medical charge, and I have also to ask for a grant of Rs. 500 to carry the hospital on.

"I regret having to open the hospital and as the J. J. Hospital refuse to receive the patients we had to take them.—I have, &c., T. S. WEIR, Health Officer."

Memorandum No. 20172, dated 8th March 1890, as under :—

"I am unable to sanction expenditure not covered by a Budget grant or to sanction any special procedure under Section 434, unless I am satisfied that the city is visited or threatened with an outbreak of dangerous disease. As to this the report of the Health Officer leaves me in doubt.

"The general question of providing hospitals for persons suffering from infectious diseases is now under the consideration of the Corporation, and the issue must not be prejudiced by any unwonted action on the part of the General Hospital authorities, even though I may agree with their views.—E. C. K. OLLIVANT, Commissioner."

Memorandum No. 28562, dated 10th idem, to the Commissioner, as under :—

"Returned to the Commissioner. What is to be done with the patients now? They cannot be removed. The J. J. Hospital authorities refuse to receive them. There are now 15 patients and some of them are suffering from malignant disease. I put a Sub-Inspector in charge of the hospital, but this arrangement cannot continue. There is a serious responsibility in regard to the treatment of the patients. Without a medical man the patients cannot have the treatment which they ought to have. I would, therefore, request the favour of your instructions.

"I consider the city is visited with two dangerous diseases at the present moment, small-pox and influenza and a tendency to cholera.—T. S. WEIR, Health Officer."

Memorandum No. 20274, dated the same day, as under :—

"Having regard to the last paragraph of the Health Officer's report just received, I find no difficulty in saying what is to be done. The provisions of Section 434 must be put into effect at once. The Health Officer should immediately state the measures which he proposes to adopt, in order that they may be reported for the sanction of Government, as required by law. Meanwhile he should adopt them.—E. C. K. OLLIVANT, Commissioner."

Memorandum No. 28646, dated the same, to the Commissioner, as under :—

"Returned to the Municipal Commissioner. The temporary hospital was opened on the 14th ultimo, and establishment engaged. I now request sanction to the employment of the *** establishment ***.

"2. An advance of Rs. 500 to meet expenditure on food, medicines and stores.

"3. I will now appoint Dr. Choksy temporarily to take charge of the hospital subject to your sanction.—T. S. WEIR, Health Officer."

Memorandum No. 20371, dated 11th of same month, as under:—

"The Health Officer's proposals will be immediately reported to Government for sanction. In the meantime they are all approved and should be carried out.—H. A. ACWORTH, Deputy Commissioner."

Letter No. 20372, dated the same, to the Secretary to Government, General Department, as under:—

"SIR,—I have the honour to forward a copy of a report No. 28562, of 10th instant, from the Health Officer, and to request that Government will be pleased to sanction, under Section 434 of the City of Bombay Municipal Act, the special measures recommended by the Health Officer in his further letter, copy of which I enclose, and which I have provisionally approved in accordance with the Commissioner's desire.—I have, &c., H. A. ACWORTH, Deputy Commissioner."

Letter No. 20373, dated the same, to the Municipal Secretary, as under :—

"SIR,—I have the honour to report that on the representation of the Health Officer, that the city is visited with an outbreak of a dangerous disease, *viz.*, small-pox, I have, under Section 434 of the Act, authorised the opening of a temporary hospital at Kamathipura for small-pox, and have sanctioned the employment of establishment as per list attached. I have further sanctioned an advance of Rs. 500, to meet expenditure on food, medicine and stores.—I have, &c., H. A. ACWORTH, *for* Commissioner. Dr. H. C. Choksy to be Medical Officer in charge on a salary of Rs. 150 per mensem; 1 Apothecary at Rs. 40 per mensem ; 6 ward-boys at Rs. 10 each, Rs. 60 per mensem ; 2 Ayahs at Rs. 12 each, Rs. 24 per mensem; 1 Cook at Rs. 11 per mensem ; 2 Halalkhores at Rs. 11½ each, Rs. 23 per mensem; and 2 Police Ramosees at Rs. 11 each, Rs. 22 per mensem."

No. 7832. *Resolved* : "That, as proposed in his letter No. 20759, dated 18th instant, sanction be given to the acceptance by the Commissioner of the tender of Mr. N. J. Gamadia, the lower of the two received, for the supply of good dry hill-earth, free from stones for covering deposit of kutchra, and to be delivered on the western and eastern sides of the flats, at the rates of Re. 3-2-0 and Rs. 2-6-0 per brass respectively."

No. 7833. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 20628, dated 15th instant, sanction be given to an arrangement made with Messrs. Khambatta & Co., for the removal of about 200 water pipes weighing 660 tons, or thereabout, from Kasheli to Bhandup, at the rate of Rs. 5 per ton.

"The charge to be debited to the budget allotment for the Tansa Water Works."

No. 7834. *Resolved* : "That the decision of the Corporation be asked as to the transfers applied for by the Deputy Commissioner, in his memoranda Nos. 20420 and 20747, dated 12th and 18th instant, respectively, (1) of Rs. 4,000 from savings in Section II, A, Scavengering (feed of bullocks), Conservancy Branch, Health Department Budget, to Section V., stores, miscellaneous, same head, same budget, to meet excess in the latter grant, and (2) of Rs. 700, from savings in Section I, establishment, Fire Brigade Budget, to Section III, contingencies, for extinguishing fires, same Budget, to meet the wages of extra bhistis temporarily engaged at fires."

No. 7835. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 20571, dated 14th instant, sanction be given to the transfer of Rs. 176, from savings in the grant for contingencies, including stationery, printing, &c., under section XI, Vaccination, Public Health Department Budget, to the grant for establishment, same head, same budget, to meet excess in the latter grant up to the end of the current financial year."

No. 7836. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 20250 and 20251, dated 10th instant, and No. 20674, dated 17th idem, sanction be given, under Section 172 of the Municipal Act, to the charging of special halalkhor service, as under :—(1) Messrs. Venku Balu & Co., contractors for the construction of the new Municipal Office building, Rs. 17-4-0 per mensem, from 14th November 1889 ; (2) Government Remount stables at Kennedy Sea Face, Rs. 17-4-0 per mensem, from 6th December 1889 ; and (3) the delegates of the National Congress, Rs. 99-5-0, from 23rd December 1889 to 2nd January 1890."

No. 7837. *Resolved:* "That, with reference to the Standing Committee's Resolution No. 7110, dated 13th March 1889, and, as applied for by the Deputy Commissioner in his memorandum No. 20355, dated 11th instant, the Corporation be recommended to sanction the expenditure of Rs. 3,435-2-6, from surplus cash balance, to meet the expenses incurred by the Health Department in connection with the temporary small-pox hospital established in Kamathipura from March to October 1889."

No. 7838. *Resolved* : "That, as applied for by the Deputy Commissioner in his memorandum No. 20238, dated 10th instant, the Corporation be recommended to sanction the writing off of Rs. 1,167-7-0, from the live stock return of the Markets and Slaughter Houses Department, being the book value of 5 bullocks that died, 1 that was destroyed, and 6 that were sent to Pinjrapol—total 12 bullocks."

No. 7839. *Resolved* : "That, as applied for by the Deputy Commissioner in his memorandum No. 20152, dated 7th instant, the Corporation be recommended to sanction the writing off of Rs. 5,206-9-4, from the live stock return of the Health Department, being the book value of 14 bullocks that died, 2 that were destroyed, and 70 that were sent to Pinjrapol—total 86, during the quarter ending 30th November 1889."*

No. 7840. *Resolved* : "That the Corporation be recommended to sanction the outlay of Rs. 49,942, to provide for the cost of constructing a new market at Foras Road ; and to include such amount in their next application to Government for sanction to the raising of loan funds.

"That, in reply to their letter, dated 6th December last, Messrs. Mansuklal, Damodhur and Jamsetjee be informed accordingly."

No. 7841. *Resolved* : "That, as proposed by the Commissioner in his memorandum No. 20594, dated 14th instant, the Corporation be recommended to sanction the payment of Rs. 875 out of the unexpended portion of the grant of Rs. 25,000, for the construction of offices and filling in compound of the Water Works stores at Chinchpokli, to provide for the cost of converting the old store room into quarters for the storekeeper and for out-houses."

No. 7842. *Resolved* : "That, with reference to the Commissioner's memorandum No. 20572, dated 14th instant, sanction be given, under Section 169 (*a*) of

* *Causes of death* : 3 old age and general debility, 2 inflammation of heart and lungs, 1 disease of lungs, 1 disease of heart, 5 rinderpest, 1 foot and mouth disease, 1 congestion of lungs and heart—total 14 died, 2 destroyed and 70 sent to Pinjrapole. Total died, destroyed, &c., 86 bullocks.
Locality where invalidating took place : 10 Sankli Tank Hospital, 1 B Ward Stable, 1 C Ward Stable, 2 D Ward Stable, 2 destroyed, 70 sent to Pinjrapol—total 86 bullocks. Annual percentage of the loss on the whole strength of bullocks, 19.

the Municipal Act, 1888, to the compounded sum of Rs. 30, being charged for the supply of water in connection with public fair to be held on the Esplanade in honor of the visit of H. R. H. Prince Albert Victor of Wales."

Read the following :—Letter No. 2930, dated 3rd instant, to the Commissioner, as under :—

SIR,—In forwarding the accompanying statement of expenses incurred in connection with the recent strikes of the Health Department beggaries in July and August 1889, I have the honor to report that out of the respective sums of Rs. 1,553-6-0 and Rs. 3,687-5-5 advanced by debit to your and Health Officer's personal accounts on different dates during the strikes, aggregating in all Rs. 5,240-11-5 ; Rs. 595-11-6 were refunded by the Health Officer. The net expenditure thus amounts to Rs. 4,644-15-11.

To enable me to adjust the above advances by debiting the expenditure to the proper grant of the Health Department, may I request the favour of your reporting the total cost of the measures adopted during the strike, including the gratuities paid by the Health Officer to the biggaries, and of informing them that such cost can be met from the savings in conservancy branch, Section II., Labour, A, Scavengering, Health Department, as shown in the margin. —SORABJI NAVAROJI COOPER, Chief Accountant.

	Rs. a. p.
Conservancy Branch, II, Labour, A Scavengering, Budget Grant for 1 month, Rs. 13,659, for 10 months, December 1889 ..	1,36,590 0 0
Expenditure up to 10th December 1889	1,30,007 9 4
Savings.. .. .. Rs	6,582 6 8

Memorandum No. 20249, dated 10th idem, as under :—

Submitted to the Standing Committee for information.—H. A. ACWORTH, Deputy Commissioner.

The Commissioner informed the Committee of the nature of the special enquiries made by him, regarding the best means of dealing with any attempted strikes of this kind in the future, and stated that in the event of any recurrence of the strikes, the Municipality, with the aid of the telegraph, will be able to obtain promptly the services of such halalkhors or scavengers from the mofussil as may be required.

Proposed by Cowasjee Hormusjee, Esq., seconded by Muncherjee Nowrojee Banajee, Esq.—

"That report by the Chief Accountant of the expenses incurred in connection with the strikes of the biggaries of the Health Department, in July and August 1889, be *recorded* ; the charges incurred being adjusted against their respective grants.

No. 7843.

"The Standing Committee place on record their high sense of the excellent arrangements that were made by the

Commissioner, the Health Officer and his assistants, aided by the Commissioner of Police, and the Police force, in dealing with the strikes."

Carried.

On the motion of Colonel G. L. C. Merewether, seconded by K. M. Shroff, Esq., it was—

No. 7844.

Resolved: "That, as applied for by the Commissioner in his memorandum No. 20169, dated 8th instant, sanction be given, under Section 517 (1) of the Municipal Act, 1888, to a suit being filed in the High Court against Hadji Futeh Mahomed Rahimtula, to compel him to remove the encroachment made by him on Municipal land at Fergusson Road and on the Tulsi pipe line thereat."

No. 7845.

Resolved: "That, as applied for by the Commissioner in his memorandum No. 20151, dated 7th instant, sanction be given, under Sections 211 and 517 (*j*) of the Municipal Act, 1888, to suits being filed in the Court of Small Causes against (1) Mr. Bomanji Edulji Sonavala for the recovery of Rs. 351-3-8 on account of property tax as under:—(*a*) Rs. 200-11-8, from 1st April 1889 to 31st March 1890, in respect of Ward No. 212, Street No. 106, Colaba Road, and (*b*) Rs. 150-8-0, from 1st October 1888 to 31st March 1890, in respect of Ward No. 1829, Street No. 1, Khetwadi Main Road; (2) Messrs. Framji and Bezonji Edalji Sonavala for the recovery of Rs. 84-3-2 on account of property tax, from 1st April 1889 to 31st March 1890, in respect of Ward No. 1830, Street No. 2, Khetwadi Main Road; (3) Mr. Framji Edulji Sonavala for the recovery of Rs. 230-7-2 on account of property tax as under:—(*a*) Rs. 92-11-7, from 1st October 1889 to 31st March 1890, in respect of Ward No. 7966, Street Nos. 8, 10 and 12, Bapty Road, Street Nos. 360, 362, Duncan Road, and Street Nos. 186, 188 and 190, Grant Road; (*b*) Rs. 54-12-0 from 1st October 1889 to 31st March 1890, in respect of Ward No. 2679, Street No. 35, Marine 4th Street; (*c*) Rs. 82-15-7, from 1st April 1889 to 31st March 1890, in respect of Ward Nos. 4796, 4797 and 4799, Gopi Tank Road; (4) Mr. Bezonji Edulji Sonavala for the recovery of Rs. 62-7-3, on account of property taxes as under:—(*a*) Rs. 9-12-0, from 1st April 1889 to 31st March 1890, in respect of Ward No. 1831, Street No. 3, Khetwadi Main Road, and (*b*) Rs. 52-11-3, from 1st Octo-

ber 1889 to 31st March 1890, in respect of Ward No. 2562, Street No. 22-24, Gola Street."

Read the following :—Letter No. 6892 W, dated 5th instant, to the Commissioner, as under :—

SIR,—I have the honour to forward progress report on the Pawai Works for the month of February.

Land.—The decision of the Corporation as to acquiring the gathering ground was deferred pending the receipt of the report of a Committee appointed by the Corporation to consider the question of compensation.

Pawai Dam.—A portion of the foundations in the central portion of the dam are ready for masonry; rock has been reached in the nullah : and a fairly good foundation is being met with in the eastern portion. The Contractor has accumulated his materials very satisfactorily except the stone required, but of this nearly one-half is already on the ground.

Raising of Pawai Road.—The first section is well advanced and the metalling has been commenced.

Subsidiary Dam in main, Vehar Valley.—The excavations are well advanced and two-thirds in length are ready for concrete and masonry.

Pipe-laying.—The excavation for trench, except the joint holes, is almost completed, and one-half of the 48" pipes are on the ground ready.

Engine Houses.—The excavation for foundations is well advanced, and a portion ready for concrete ; and the ironwork for superstructure is being prepared in Messrs. Richardson and Cruddas's workshops in Bombay.

Engines and Boilers.—The testing officer who is inspecting the work in England has expressed himself highly satisfied both with the workmanship and progress made, and on the evening of the last day of the month a cablegram was sent that the boilers and one of the engines had been shipped. They should arrive 4 weeks before contract time.—I have, &c., RIENZI WALTON, M. INST. C. E., Executive Engineer.

Memorandum No. 20322, dated 10th idem, as under:—

Submitted to the Standing Committee for information.—E. C. K. OLLIVANT, Commissioner.

No. 7846. *Resolved* : "That Progress Report of the Pawai Water Works for February 1890 be *recorded.*"

No. 7847. *Resolved* : "That, with reference to memorandum No. 20253, dated 10th instant, from the Deputy Commissioner, forwarding petition from residents of Haines Road, DeLisle Road, Agripada and Parel Road, asking for the establishment of a dispensary in their neighbourhood, the Corporation be informed that the Standing Committee are unable to recommend that the application be granted, for the petition is not from *bonâ fide* residents, and the Municipality has never made grants for the establishment of dispensaries."

No. 7848. *Resolved* : "That letter, dated 10th instant, from Mr. Shabudin Fazludin Wagmaray, regarding the transfer of property Nos. 421—422, Lohar

Chal, Mahim, in the Assessment Book, be referred to the Commissioner for disposal, and that the applicant be informed accordingly."

No. 7849. *Resolved* : "That, in reply to his letter, dated 10th instant, regarding the transfer of a property at Old Nagpada Street, Mr. Ibrahim Valibhai be informed that the Standing Committee have nothing to add to memorandum No. 5323, dated 9th December 1889, received by him from the Municipal Secretary."

No. 7850. *Resolved* : "That, in reply to his letter, dated 14th instant, protesting against the erection of a privy by Mr. Dina Govind at No. 14, Khatowdi oart, Girgam Road, Mr. Harichandra Makundji be referred to the Commissioner."

No. 7851. *Resolved*: "That sanction be given to the cutting off of water connections as per list accompanying the Commissioner's memorandum No. 20825, dated this day."

No. 7852. *Resolved* : "That, as proposed by the Commissioner in his letter No. 20312, dated 10th instant, the Standing Committee approve, under the terms of Section 381 of the Municipal Act, of his inviting Government to give orders for filling in a piece of land at the junction of DeLisle and Clerke Roads, immediately at the back of the Technical School, as the land in its present condition is likely to become a nuisance."

No. 7853. *Resolved* : "That, with reference to their Resolutions Nos. 7561 and 7563, dated 10th instant, and No. 7736, dated 13th idem, the Corporation be recommended to sanction the expenditure of Rs. 1,500, from surplus cash balance, for defraying the engrossing and enclosure of farewell addresses from the Corporation to H. R. H. the Duke of Connaught, K. G., on the occasion of his departure from Bombay on the 13th instant; to H. R. H. Prince Albert Victor of Wales, K. G., on the occasion of his departure for England on the 28th idem; and of address of welcome to the Right Hon'ble Lord Harris, Governor-designate of Bombay.

"That in the event of the Corporation voting a farewell address to Lord Reay on his departure from India, the Corporation be recommended to sanction the expenditure of Rs. 500, from surplus cash balance, to meet the cost of engrossing and enclosure of the address."

No. 7854. The following was referred to the Commissioner for favor of estimate :—Resolution of the Corporation, No. 7580, dated 12th instant, as follows:—

"That the offer of Mr. Dorabji K. Shroff, to make over to the Corporation, free of cost, 16,000 square yards of ground, or thereabout, as the site of a road, 40 feet broad, on condition that the road is commenced within 3 months and completed within 12 months from commencement, be sanctioned, and that the Standing Committee be requested to make financial proposals as to cost of constructing the road."

No. 7855. The following notice of motion was withdrawn by Mr. K. M. Shroff, as the Commissioner said that he will furnish the information therein asked for at the next meeting of the Committee :—

"That the Municipal Commissioner be requested to submit his report with reference to the Standing Committee's Resolution No. 5450, passed on the 18th December last, in regard to the circumstances under which he would exempt properties from the imposition of the halalkhore cess, in consequence of a letter from Mr. Sorabjee S. Bengalee, dated 9th idem, which was discussed at the meeting of the Standing Committee."

Ordered : "That the following be laid on the table :—

No. 7856. Letter, dated 12th instant, from Messrs. Ardasir Framjee Moos and Nanabhai Rastamji Ranina, Municipal Auditors, stating that they have audited the weekly statement of receipts and disbursement of each week for the month of February last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

Resolved : "That, as proposed in his letter No. 20781, dated 18th instant, sanction be given to the acceptance by the Commissioner of the tender of Messrs. Richardson & Cruddas, for the supply of iron castings during the year 1890-91, at schedule rates."

No. 7857.

Resolved : "That, as recommended in his memorandum No. 20693, dated 17th instant, sanction be given to the Commissioner's entering into a contract with Messrs. Hirji & Rowji for the work of constructing quarters for the Engineer and lascars at Pawai, at rates aggregating Rs. 10,757-8-2, plus 10 per cent. contingencies, Rs. 1,075-7-10, total Rs. 11,833, the cost being

No. 7858.

debited to the provision of Rs. 15,000 included in the sanctioned estimates for the Pawai Works.

"That the Committee dispense with the invitations for tenders for the work which would otherwise be necessary, as the matter is urgent, and Messrs. Hirji and Rowji are constructing the Pawai dam and have staff and materials on the spot enabling them to commence the work at once."

The following statements were laid on the table :—

Statements of the height of water in the Vehar and Tulsi Lakes for two weeks ending 9th and 16th March 1890.*

It was agreed that the Commissioner be requested to have analysis of the Vehar and Tulsi Water made monthly and printed with the returns of height of water, and that during April and May, the analysis be submitted weekly.

No. 7859.

The following returns were read and *recorded* :—

Returns of fires at Dharavi, Duncan Road, Mandvi, Bardan Gulli, and Kumarwada 1st Lane, forwarded with the Commissioner's memoranda Nos. 19961, dated 3rd instant, Nos. 20100 and 20101, dated 5th March, and No. 20472, dated 12th March 1890†.

Resolved : "That, as recommended by the Commissioner in his letter No. 20758, dated 18th instant, sanction be given to the payment to Messrs. Framji and Jivanji, contractors, for laying 48″ pipes from the Pawai reservoir to the pumping station thereat, at the uniform rate of Rs. 3-8-0 per brass, for excavations in earth or rock instead of Rs. 1-8-0 per brass for excavation in earth and Rs. 7 per brass for excavation in rock."

No. 7861.

Read the following :—

No. 950.

GENERAL DEPARTMENT.

Bombay Castle, 4th March 1890.

Memorandum from the Public Works Department of the Secretariat No. 177-A., dated 28th January 1890—Transferring one, No. 383, dated 18th idem, from the Chief Engineer, N.D., who forwards with reference to Government Resolution No. 111, dated 9th January 1890, correspondence between himself and the Executive Engineer, Military Works, Bombay, on the subject of furnishing Mr. Stevens with information regarding the value of Government buildings and lands for purposes of Municipal Assessment ; and request that the Executive Engineer, Military Works, may be authorized to employ two surveyors on Rs. 150 per mensem each for one month to prepare the information required by Mr. Stevens.

* *See* Appendix B. † *See* Appendix D.

Letter from the Accountant General, No. B.—32369, dated 5th February 1890—Stating in answer to a reference that the Examiner, Public Works Accounts, will advise from what source the expenditure on account of the extra establishment can be met.

Memorandum from the Public Works Department of the Secretariat, No. 417-A., dated 25th February 1890—Retransferring the papers; and stating that under the arrangement ordered the charge will be a Civil one.

RESOLUTION.—The two Surveyors on Rs. 150 per mensem each whose services will be needed by the Executive Engineer, Military Works, Bombay, for one month will really be Assistants to Mr. Stevens in making his assessment. They should therefore be placed at his disposal and be given access to all information on the Executive Engineer's records, but should be paid by Mr. Stevens, the cost of their employment being included by that gentleman in his aggregate fee or bill for services. They are not wanted for any purpose of Government apart from that of the valuation.—G. M. URQUHART, Acting Under Secretary to Government.

No. 1073.

GENERAL DEPARTMENT.

Bombay Castle, 14th March 1890.

Letter from Mr. F. W. Stevens, F.R.I.B.A., A.M.I.C.E., C.I.E., No. 298, dated 8th March 1890—Stating, with reference to Government Resolution No. 950, dated 4th idem, that he is unable to agree to the arrangement therein proposed regarding the employment of two surveyors under him; observing that taking all circumstances into consideration it would be more economical to Government to engage such extra assistance as may be required by the officers of the Public Works Department and to charge the cost of the work to the assessment grant in the same manner as his fee will be charged; and making remarks.

RESOLUTION.—In the circumstances stated the establishment asked for by the Executive Engineer, Military Works, Bombay, viz., two surveyors for a period of one month at a cost not exceeding Rs. 300 is sanctioned.

2. The Municipal Commissioner for the City of Bombay should be requested to state whether in the circumstances mentioned in Government Resolution No. 950, dated 4th instant, the Municipality will consent to contribute half the cost of the establishment.—JOHN NUGENT, Chief Secretary to Government.

No. 20798 of 1889-90.

BOMBAY, 18*th March* 1890.

Submitted to the Standing Committee and Corporation for favour of sanction.—H. A. ACWORTH, Deputy Commissioner.

No. 7862.

Resolved: "That the Standing Committee are not prepared to recommend the Corporation to sanction half the cost of the establishment employed under Mr. F. W. Stevens, C.I.E., as it appears that it is the business of Government to supply the information required."

Resolved : "That, as recommended by the Commissioner in his memorandum No. 20854A, dated this day, sanction be given to the payment of an advance of £9,000, to Messrs. Walsh, Lovett & Co., agents for Messrs. Macfarlane, Strang & Co., for mains and other iron work for the Tansa Water Works, which have been duly tendered for testing at Kurla, the advance to be adjusted by debit against the approximate provision made for mains, &c., for the Works."

No. 7863.

It was decided that as next Wednesday will be a general holiday on the occasion of the illumination of the city in honor of the visit of H. R. H. Prince Albert Victor, the next meeting of the Committee be held on Friday, 28th instant, at 2-30 p.m.

BOMBAY, 28*th March* 1890.

AT the meeting of the Standing Committee held this day, there were present :—

THOMAS BLANEY, Esq., *Chairman*.

E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; DOSABHAI FRAMJI, Esq., C.S.I.; FAZULBHOY VISRAM, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; MUNCHERJEE NOWROJEE BANAJEE, Esq.

E. C. K. OLLIVANT, Esq., C.S., C.I.E., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

On the motion of Colonel Merewether, seconded by Fazulbhoy Visram, Esq., Dosabhai Framji, Esq., was voted to the chair (until the arrival of the Chairman).

The signing of the minutes of the meeting held on the 19th instant was postponed.

The seal of the Corporation was affixed to deed of contract with Messrs. John Fleming & Co. for the supply of cast-iron mains of different sizes for Water Works stock.

No. 7966.

Resolved : "That the decision of the Corporation be asked as to the Budget transfers applied for by the Commissioner of (1) Rs. 3,402-5-5, from savings in section XII, Water-supply, Markets and Slaughter Houses, to section X, Halalkhor Branch, 1, Water-supply, Conservancy Branch, Health Department, section VII, Mahaluxmi, Dhobiwada, 3 Water-supply, section V, Cemeteries, 4 Water-supply, Section VI, Drainage, B., Maintenance of Love Grove Pumping Station, 7, Water supply, Engineer's Department, section V, A, Water-supply, A, Victoria Gardens, section III, ditto, C, Falk-

No. 7967.

land Road Garden, section IV, ditto, F, Bazar Gate Street Garden, and G, Garden on the Flats, Public Gardens, to meet excesses in the latter grants for Water-supply; (2) Rs. 650 from savings in the grant for commission to G. I. P. Railway, Town Duty Collection Branch, Assessment and Collection Department, to the grant for commission to Port Trust, same head, to meet excess in the latter grant caused by larger imports than the estimate; (3) Rs. 600 from savings in section II Establishment, Commissioner's Office, to section III, Contingencies, Stationery and Printing, &c., same branch, to meet excess in the latter grant; (4) Rs. 3,300 from savings in section II, Labour, B, Drain and Gulli cleaning (feed of bullocks), Conservancy Branch, Health Department, to Section V, Stores (Disinfectants),and section X, Halalkhor Branch, D, Stores, (disinfecting powder), same head, to meet excesses in the latter grants; (5) Rs.690 from savings in section II, Gas Lighting, E, lighting public latrines and urinals, Public Lighting Branch, to same section, D, Contingencies, same head, to meet excess in the latter grant; (6) Rs. 4,000 from savings in section II, Cart hire and Labour, B, Road Repairs, to section IV, Maintenance of Steam Rollers, same head, to meet excess in the latter grant, caused by extended use of steam rollers; (7) Rs. 1,500 from savings in section I, road metal, B, Road Repairs, to section V, Stores and Contingencies, same head, to meet excess in the latter grant; and (8) Rs. 750 from savings in section I, Bhisti watering, A, Road watering, to section III, repairs to water-posts, Persian wheels, &c., same head, to meet excess in the latter grant."

No. 7968. *Resolved*: "That, as applied for by the Deputy Commissioner in his memorandum No. 20844, dated 19th instant, sanction be given, under section 172 of the Municipal Act, 1888, to the charging of special halalkhor service to the Esplanade Hotel at Rs. 92-3-0 per mensem from 1st July 1889."

No. 7969. *Resolved*: "That, as applied for by the Deputy Commissioner in his letter No. 21095, dated 22nd instant, sanction be given to the payment of Rs. 440 for salary at Rs. 40 per mensem of a clerk employed for 11 months, from 1st April, 1889, to assist the Ward Superintendent in collecting wheel-tax in E Ward. The charge to be met out of savings in section III, Ward

Inspection offices, Assessment and Collection Department."

Resolved : "That sanction be given to the cutting off of water connections as per list accompaying the Commissioner's memorandum No. 21343, dated this day." No. 7970.

Regarding letter from Mr. Sorabji Shapoorji Bengalee, C. I. E., dated 9th December last, which was referred by the Committee on the 18th idem to Mr. Ollivant for remarks as to the circumstances under which he would exempt properties from the imposition of the Halalkhor Tax, Mr. Ollivant handed in a report.

Proposed by Colonel G. L. C. Merewether, seconded by Muncherjee N. Banajee, Esq.—

"That the letter from the Commissioner regarding the levy of halalkhor tax be brought on for consideration when the Commissioner is in a position to submit the class of cases that should be exempted from payment of the tax." No. 7971.

Carried.

With reference to the report of Mr. Baldwin Latham on the drainage of Bombay, the Commissioner informed the Committee that he has sent a copy thereof to Mr. Latham and asked him to arrange for its printing, to correct the proofs, and to have the copies of the report despatched to Bombay.

Read letter No. 21354, dated this day, to the Secretary, from the Commissioner as under :—

SIR,—As many applications have been received from Municipal employés to be allowed to contribute towards the Pension Fund, and as there are 3 distinct classes of such cases, I have the honour to request the decision of the Standing Committee on these classes of cases :—

1. Persons who are now contributing to the Pension Fund, but who served for some years in the temporary establishment and were made permanent without break in service ;
2. Persons who were within the age prescribed by the By-laws when they joined the temporary service, but were beyond the prescribed age when given a permanent place ; and
3. Persons who were beyond the prescribed age when entering Municipal service.

Lists of cases in each of these classes are submitted.—I have, &c., E. C. K. OLLIVANT, Commissioner.

Resolved : "That the papers relating to the admission of the Municipal officers and servants referred to in the Commissioner's letter No. 7972.

No. 21354, dated this day, be printed and circulated to the members of the Committee."

No. 7973. It was agreed that the Budget Estimate of the City of Bombay Municipal School Fund for the year 1890-91, forwarded by the Commissioner under his memorandum No. 21106, dated 22nd instant, be circulated to the members of the Committee, and that the consideration of the same be postponed till next week.

No. 7974. *Resolved*: "That letter, dated 20th instant (regarding the refund of Municipal rates in respect of property No. 315, Duncan Road), from Mr. Sorabji Jamshedji, be *recorded*."

The consideration of the following was postponed till next meeting :—

No. 7975. Letter, dated 22nd instant, from Messrs. Little, Smith, Frere and Nicholson, claiming, on behalf of their client, Mr. Lukhumsey Nuppoor, a refund of halalkor and water taxes in respect of godown, Ward Nos. 41 to 47, Argyll Road.

No. 7976. *Resolved*: "That, in reply to his letter, dated 24th instant, regarding repairs to his house No.28-32, Bhoiwada 2nd Row, Mr. Damodar Harishanker Joshi be informed that the Standing Committee have nothing to add to memorandum No. 7360 of 28th ultimo received by him from the Municipal Secretary."

No. 7977. *Resolved*: "That, as applied for by the Deputy Commissioner, sanction be given to the transfers (1) of Rs. 78-5-1 from savings in section I, Cemeteries, C., Contingencies, Public Health Department Budget, to section I, Cemeteries, B., Feed of Horses, same budget, to meet the difference between the budget provision and contract rate for fodder; (2) of Rs. 4-15-8 from savings in section IV, contingencies, Assessment and Collection Department, to section VII, Furniture for Ward Offices, same budget, to meet cost of furniture already purchased; (3) of Rs. 400 from savings in section V, lighting Slaughter Houses, Public Health Department Budget, to section V, lighting Crawford and other Markets, same budget, to meet excess in the latter grant; (4) Rs. 300 from savings in section IV, Labour, Markets and Slaughter Houses, to section VIII, Stores, same head, same budget, to meet cost of stores purchased up

to the end of the current year ; and (5) of Rs. 207 from savings in section II, gas lighting, E, lighting public latrines and urinals,.to section II, Gas lighting, C, Wadia Fountain Clock, to meet excess in the latter grant on account of gas consumed."

Read letter No. 3131, dated 24th instant, to the Commissioner, as follows :—

SIR,—In continuation of this office No. 3051, dated the 17th instant, I have the honor to inform you that the amounts already transferred from different Loan Funds to the Municipal General Fund pass book aggregate Rs. 5,00,000. Further transfers to the extent of, say, about Rs. 5 lakhs will have to be made to meet payments of the balances due to the Tansa Dam and Duct Contractors for work done during the past month, and the cost of bills for £8,000, to be purchased as per arrangement already made with the Hongkong and Shanghai Banking Corporation for remittance to the Tansa Pipe Contractors and sundry other heavy payments consequent on the closing of the accounts for 1889-90. Thus the total transfers that will have to be made up to the end of the current month will exceed by about 3 or 4 lakhs, the maximum sum of Rs. 8 lakhs fixed in the Standing Committee's Resolution No. 7073, dated the 19th ultimo, for transfers to be made in each month during the working season.

May I, therefore, request the favour of your obtaining the sanction of the above body to additional transfers being made to the extent of 4 lakhs and to the transfers being made, if necessary, in instalments, above a lakh of Rupees.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

No. 21346.

BOMBAY, 28*th March* 1890.

Submitted to the Standing Committee for favour of sanction.—E. C. K. OLLIVANT, Commissioner.

No. 7978.

Resolved : " That, for the reasons given in the Chief Accountant's letter No. 3131, dated 24th instant, and as recommended by the Commissioner in his memorandum No. 21346, dated this day, the sum fixed by the Committee in their Resolution No. 7073, dated 19th ultimo, to be transferred this month from Loan or other invested funds, to the general fund or other loan funds, be increased, as a special case from Rs. 8 lakhs to Rs. 12 lakhs.

" That sanction be also given to the necessary transfers being made this month in instalments of, if necessary, above 1 lakh of rupees each."

The following statement was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 23rd March 1890.*

The following returns were read and *recorded* :—

Returns of fires at Argyll Road and Colaba, forwarded with the Commissioner's memoranda Nos. 21053 and 21309, dated 21st and 27th March 1890 respectively.†

No. 7980. *Resolved* : "That letter, dated 27th instant, from Mr. Shabudin Fazludin Wagmaray, regarding the transfer of property, Nos. 421–422, Lohar Chal, Mahim, in the Assessment book, be forwarded to the Commissioner for disposal in continuation of the Committee's Resolution No. 7848, dated 19th idem, and that the applicant be informed accordingly."

No. 7981. *Resolved* : "That letter, dated 27th instant, from Haji Abdul Satar Haji Umar, be forwarded to the Commissioner for disposal, and that the applicant be informed that if he wishes to appeal against the amounts of water and halalkhor taxes in respect of his property at Jakeria Masjid Street, he can apply in writing to the Commissioner ; and that if the applicant is dissatisfied with the result of the Commissioner's decision, he can appeal to the Chief Judge of the Small Cause Court."

No. 7982. *Resolved* : "That, as proposed in his letter No. 21342, dated this day, sanction be given to the acceptance by the Commissioner of the tender of Mr. Rahimtula Bhaijibhai for the construction of storm-water drains in various parts of Bombay at rates amounting to Rs. 19,266·36, exclusive of contingencies, against sanctioned amount for the works Rs. 29,318."

No. 7983. *Resolved:* "That the following be *recorded* :—Letter No. 21,350, dated this day, from the Deputy Commissioner, reporting that he has accepted the tender of Mr. Jamal Pirbhai, the lowest of 5 tenders received, for the supply of firewood for cremation purposes during the year 1890-91 at the rate of Rs. 3-7-0 per candy of 28 maunds."

No. 7984. *Resolved* : "That sanction be given to the increment of Rs. 20 per mensem being drawn by Mr. Behramji Dorabji Banaji, Office Manager, Municipal Corporation and Standing Committee's Office, from 1st instant."

---

* *See* Appendix **B**. † *See* Appendix **D**.

Resolved : "That, as applied for by the Deputy Commissioner in his letter No. 21342, dated 27th instant, sanction be given to the payment of Rs. 20-10-5 as acting allowance from savings in Section II, Office Establishment, Assessment and Collection Department, to Mr. Nagindas Bhikaridas, who acted as Chief Registration Clerk during the absence on privilege leave of the Deputy Accountant of the Assessment Department."

No. 7985.

Resolved : "That the following be *recorded* :—Letter No. 21345, dated this day, from the Deputy Commissioner, reporting that he has sold by public auction to the highest bidder the following rights for fishing for one year from 1st April next :—(*a*) in the Warli channel and sluices at Mingut Mandli to Padma Budia for Rs. 600 ; (*b*) in Dharavi sluices to Pandu Changa for Rs. 50 ; and (*c*) in Mahalakshmi storm-water reservoir and Love Grove channel to Pandu Rama for Rs. 2,400, plus Rs. 275 for pay of three watchmen."

No. 7986.

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji B. Barbhaya, Esq.—

"That the cordial thanks of the Standing Committee be tendered to Dr. Thomas Blaney for the valuable services he has rendered as Chairman of this Committee, and in previous years as Chairman of the Town Council and of the Corporation, and also as a member generally of the Municipal Corporation."

No. 7987.

Carried with acclamation.

H. WYNFORD BARROW,
Municipal Secretary.

STANDING COMMITTEE OFFICE,
BOMBAY, *April* 1890.

Appendix A.

Health Officer's Report for the First Quarter of 1889.

EXCLUSIVE of still-born, 5,854 deaths were registered during the quarter, being 778 more than in the corresponding quarter of the past year. The death rate is equal to 25·75 per 1,000 of population against 24·38 in the previous three months.

As anticipated, the scanty rainfall and abnormal conditions have been followed by an unfavourable condition of the public health. A considerable immigration of poor, especially of poor from Kathiawar, caused much anxiety, and had not the most destitute been cared for by the generous charity of generous citizens few would have survived. The immigration of destitute and feeble poor who wish to work and do not wish to beg, and of immigrants who do not wish to work but wish to beg, may be a serious question for this city. Municipal officers cannot remove the vagrant immigrants. They may lie on the public footpaths in the densest portion of the city and persecute the industrious for alms. Immigrants from Kathiawar have done so in the Fort and in other portions of the city. The destitute immigrants who come here do not wish to leave, although food and employment in their own country may be promised to them. I need not describe the measures of relief and for sending out of the city many of the destitute. In the Hospital buildings in Arthur Road a refuge camp was formed and shelter given, and food supplied by charitable organization.

Examining the statistics according to place of birth, we find that 2,860 persons, including still-born, were born in Bombay, that 3,192 were born outside of Bombay, and that the place of birth of 45 persons could not be ascertained.

The fever mortality is 105 more than in the last quarter and 444 more than in the corresponding quarter of the past year, and 332 more than the average of the preceding 5 years. Of the total deaths from fevers, 1,426 were referred to remittent fever, being 84 more than in the last quarter and 305 more than in the corresponding quarter of the last year; 354 were ascribed to simple continued fever, being 10 more than in the last quarter and 80 more than in the corresponding quarter of the last year; 103 were ascribed to

ague, being 11 more than in the last quarter and 57 more than in the corresponding quarter of the past year; and 5 were referred to enteric fever. In all, 1,888 deaths were ascribed to fevers.

The mortality from small-pox is 90 more than in the last quarter, but 112 less than in the corresponding quarter of the last year.

From measles 267 deaths were registered, being 226 more than in the last quarter and 199 more than in the corresponding quarter of the past year.

The mortality from cholera is 93 more than in the last quarter and 130 more than in the corresponding quarter of the last year. There were 179 cases, of which 145 proved fatal.

The deaths from diseases of the respiratory system were 65 more than in the last quarter and 44 more than in the corresponding quarter of the last year. 1,076 deaths were registered under the head of diseases of the respiratory system; of these, 663 were ascribed to bronchitis, being 15 more than in the past quarter and 42 more than in the corresponding quarter of the last year; 213 were ascribed to pneumonia, being 21 more than in the past quarter and 5 more than in the corresponding period of the last year.

To diseases of the digestive system 512 deaths were ascribed, being 18 more than in the preceding three months, but 36 less than in the corresponding period of the past year; of the deaths from diseases of the digestive system, 229 were referred to diarrhœa, being 31 more than in the previous quarter, but 15 less than in the corresponding months of the last year; 156 were ascribed to dysentery, being 2 less than in the last quarter, and 9 less than in the corresponding quarter of the past year; and to all other diseases of the digestive system 127 deaths were referred, being 11 less than in the previous quarter and 12 less than in the corresponding period of the past year.

From diseases of the nervous system 413 deaths were registered, being 110 less than in the last quarter, but 22 more than in the corresponding quarter of the past year.

The mortality from phthisis is 50 less than in the last 3 months, but 53 more than in the corresponding months of the last year.

From diseases of the generative system 47 deaths were registered, being 23 less than in the past quarter, but 11 more than in the corresponding quarter of the past year.

To diseases of the circulatory system 53 were referred, being 8 more than in the preceding quarter and 17 more than in the corresponding quarter of the last year.

19 deaths were registered under the head of leprosy, being 10 less than in the past quarter and 3 more than in the corresponding months of the past year.

APPENDICES.

To the general affection dropsy 27 deaths were referred, being 1 less than in the previous quarter.

19 deaths were registered under the head of diseases of the urinary system.

From diseases of the organs of locomotion and cellular tissue 29 deaths were registered, being 13 more than in the past quarter and 14 more than in the corresponding period of the last year.

To diseases of the cutaneous system 3 deaths were ascribed, being 2 less than in the last quarter.

5 premature births were registered.

The deaths from old age and debility came to 346, being 80 less than in the previous quarter and 10 less than in the corresponding quarter of the last year.

The deaths from accidents and violence amounted to 76, being 32 less than in the last quarter and 11 less than in the corresponding months of the last year ; 21 deaths were ascribed to poisoning, being 7 more than in the last quarter and 4 more than in the corresponding quarter of the last year ; of the deaths from poisoning 12 were suicidal and 9 accidental ; of the latter 2 were from snake-bite. The deaths from drowning were 18 less than in the last quarter ; 4 were suicidal, 1 accidental and in one instance the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the city is shown below :—

	Per 1,000 of Population.	
Hindus	28·92	The increase of population in each class has not been calculated ; the mortality is, therefore, less than shown.
Hindus, Low-caste	43·32	
Mussulmans	33·89	
Parsees	22·30	
Europeans	14·54	

The infant mortality is 7 more than in the last quarter and 209 more than in the corresponding period of the past year. 2,326 children under 5 years of age died.

	No. of deaths.	Per 1,000 of population.
Under 1 year.....	1,467	259·23
„ 2 years	453	114·72
„ 3 „	225	63·88
„ 4 „	115	33·61
„ 5 „	66	16·97

At the burying and burning grounds of the city, 3,854 bodies were buried, 1,961 burnt, and 282 conveyed to the Tower of Silence.

3,616 living—1,851 males, 1,765 females and 243 still-born—births were registered, being 482 less than in the corresponding quarter of the last year. The birth-rate is equal to 15·90 per 1,000 of population, allowing for the increase of population since 1881 and 17·47 on the census of 1881.

T. S. WEIR,
Health Officer.

BOMBAY MUNICIPALITY.

RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE FIRST QUARTER OF 1888 AND 1889.

Divisions.	Localities.	Number of Deaths, exclusive of Still-born in 1888.	Annual Rate of Mortality per 1,000 of Population.	Number of Deaths, exclusive of Still-born in 1889.	Annual Rate of Mortality per 1,000 of Population.
A	Upper Colaba	52	72·54	17	23·71
	Middle and Lower Colaba	62	17·38	65	18·22
	Fort, Southern	7	7·96	9	10 24
	„ Northern	184	21·75	230	27·19
	Esplanade	56	17·12	31	9·48
B	Market	262	21·33	283	23·04
	Mandvi	259	24·46	245	23·12
	Chukla	317	34·22	304	32·82
	Oomarkhari	410	30·00	532	38·93
	Dongri	188	22·58	207	24·87
C	Dhobi Talao	216	21·92	344	34·91
	Fanasvadi	100	17·22	107	18·43
	Bhuleshwar	250	26·23	279	29·28
	Khara Talao	236	32·90	285	39·73
	Kumbharwada	212	24·23	261	29·83
	Khetwadi	188	25·54	182	24·73
	Girgam	166	26·22	255	40·28
D	Chaupati	52	18·95	51	18·58
	Walkeshvar	39	13·80	52	18·40
	Mahalakshmi	50	32·09	47	30·16
E	Mazagon	191	27·37	214	30·67
	Tarwadi	146	40.15	93	25 58
	2nd Nagpada	173	43·46	186	46·72
	Kamathipura	259	39·92	316	44·42
	Tardeo	132	26·03	134	26·42
	Byculla	226	33·67	307	45·74
	1st Nagpada	79	33·71	87	37·13
	Parel	210	45·25	277	59·69
	Sewri	35	25·20	30	21·60
F	Sion	75	17·40	82	19·02
	Mahim	105	24·26	109	25·18
	Worli	106	28·99	99	27·08
Water Division		18	2·89	31	4·08
Non-resident and unknown		48	.....	103	.....
	Total...	5,076	22·51	5,854	25·75*

* Allowing for increase of population since 1881.

RETURN OF BIRTHS AND DEATHS FOR THE FIRST QUARTER OF 1889.

Months.	Births.	Deaths.									Annual Rate of Mortality per 1,000 of Population.	Barometer.	Temperature of Air.	Dew-point.	Humidity of Air.	Total fall of Rain at Colaba.
		Small-pox.	Measles.	Cholera.	Fevers.	Digestive System. Diarrhœa.	Dysentery.	All other Diseases under Digestive System.	All other causes.	All causes, except Still-born.						
January	1,345	14	44	108	654	104	64	49	1,037	2,074	27·37	29·970	76·4	64·9	·69	...
February	1,151	23	86	29	563	60	47	38	927	1,773	23·40	·957	76·7	65·2	·69	...
March	1,120	62	137	8	671	65	45	40	979	2,007	26·49	·923	80·1	70·1	·72	...
Total...	3,616	99	267	145	1,888	229	156	127	2,943	5,854	*25·76	29·950	77·7	66·7	·70	...
Corresponding Quarter...	4,098	211	68	16	1,444	244	165	139	2,789	5,076	*22·51	29·938	77·5	67·7	·72	1·97

* Allowing for increase of population since 1881.

RETURN showing the Number of Children successfully and unsuccessfully Vaccinated, Number whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination during the 1st Quarter of 1889.

Quarter.	Number of Children successfully Vaccinated.			Number of Children unsuccessfully Vaccinated.	Number of Children whose Vaccination has been postponed.	Number of Children certified to be Insusceptible of successful Vaccination.	Remarks.
	Under one year.	Under 14 years.	Total.				
1st Quarter of 1889...	5,458	1,383	6,841	113	8	1	

DIAGRAM

DIAGRAM:- Showing the number of deaths from different causes in the 1st Quarter of 1889 (RED) as compared with the corresponding Quarter of last year (YELLOW) and the mean of the preceding 5 years (Green).

Health Officer's Report for the Second Quarter of 1889.

EXCLUSIVE of still-born, 5,992 deaths were registered during the quarter, being 138 more than in the last quarter and 129 more than in the corresponding quarter of the last year. The death-rate is equal to 26·36 per 1,000 of population, allowing for increase of population since 1881. The total enhanced mortality is chiefly due to small-pox, measles, fevers and diseases of the nervous system. The mortality from cholera, phthisis, diseases of the respiratory system, diarrhœa and dysentery is less than in the last quarter.

Examining the statistics according to place of birth, we find that 3,337 persons, including still-born, were born in Bombay, that 2,903 were born out of Bombay, and that the place of birth of 36 persons could not be ascertained.

The fever mortality is 147 more than in the past quarter and 313 more than in the corresponding quarter of the last year, and 391 more than the average of the preceding 5 years. Of the total deaths from fevers, 1,617 were referred to remittent fever, being 191 more than in the previous quarter, but 301 less than in the corresponding months of the last year; 323 were ascribed to simple continued fever, being 31 less than in the preceding quarter and 36 less than in the corresponding quarter of the last year; 88 were ascribed to ague, being 15 less than in the last quarter, but 43 more than in the corresponding period of the last year; and 7 were referred to enteric fever. In all, 2,035 deaths were ascribed to fevers.

The mortality from small-pox is 89 more than in the last quarter but 60 less than in the corresponding period of the last year.

From measles 307 deaths were registered, 40 more than in the last quarter and 218 more than in the corresponding quarter of the last year.

The mortality from cholera is 71 less than in the past quarter and 56 less than in the corresponding months of the last year. There were 107 cases, of which 74 proved fatal.

The deaths from diseases of the Respiratory System were 114 less than in the last quarter and 84 less than in the corresponding period of the last year; 962 deaths were registered under the head of diseases of the respiratory system; of these, 622 were ascribed to bronchitis, being 41 less than in the last quarter and 46 less

than in the corresponding period of the last year ; 161 were ascribed to pneumonia, being 52 less than in the past quarter and 59 less than in the corresponding quarter of the last year.

To diseases of the digestive System, 485 deaths were ascribed, being 27 less than in the last quarter and 98 less than in the corresponding quarter of the past year. Of the deaths from diseases of the digestive system, 226 were referred to diarrhœa, being 3 less than in the past quarter and 33 less than in the corresponding months of the last year; 133 were ascribed to dysentery, being 23 less than in the last quarter and 45 less than in the corresponding months of the last year ; and to all other diseases of the digestive system, 126 deaths were referred, being 20 less than in the corresponding period of the last year.

From diseases of the nervous system, 567 deaths were registered, being 154 more than in the last quarter and 102 more than in the corresponding quarter of the past year.

The mortality from phthisis is 110 less than in the corresponding quarter of the last year, and 92 less than in the last quarter.

From diseases of the generative system, 46 deaths were registered, being 12 less than in the corresponding months of the last year.

To diseases of the circulatory system, 41 deaths were referred, being 12 less than in the last quarter, but 3 more than in the corresponding period of the last year.

9 deaths were registered under the head of leprosy, being 10 less than in the last quarter and 8 less than in the corresponding quarter of the past year.

To the general affection dropsy, 22 deaths were referred, being 5 less than in the last quarter and 10 less than in the corresponding quarter of the last year.

12 deaths were registered under the head of diseases of the urinary system, being 7 less than in the preceding 3 months.

From diseases of the organs of locomotion and cellular tissue, 13 deaths were registered, being 16 less than in the past quarter and 11 less than in the corresponding quarter of the last year.

To diseases of the cutaneous system, 2 deaths were ascribed.

8 premature births were registered, being 3 more than in the last quarter, and 6 more than in the corresponding quarter of the last year.

The deaths from old age and debility came to 352, being 6 more than in the preceding 3 months, but 71 less than in the corresponding period of the last year.

The deaths from accidents and violence amounted to 99, being 23 more than in the last quarter, and 6 more than in the corresponding quarter of the past year ; 22 deaths were ascribed to poisoning, being one more than in the last quarter and 2 more

than in the corresponding period of the last year; of the deaths from poisoning, 12 were suicidal and 10 accidental; of the latter, one was from snake-bite. The deaths from drowning were 24 more than in the previous quarter; 10 were suicidal, 13 accidental and in 7 instances the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the city is shown below :—

	Per 1,000 of Population.	
Hindus	29·26	The increase of population in each class has not been calculated; the mortality is, therefore, less than shown.
Hindus, Low-caste	41·52	
Mussulmans	36·09	
Parsees	25·76	
Europeans	24·49	

The infant mortality is 304 more than in the corresponding period of the last year. 3,028 children under 5 years of age died—

	No. of deaths.	Per 1,000 of population.
Under 1 year	1,941	342·99
„ 2 years	619	156·76
„ 3 „	263	74·67
„ 4 „	130	37·99
„ 5 „	75	19·29

At the burying and burning grounds of the city 4,147 bodies were buried, 1,799 burnt and 330 conveyed to the Tower of Silence.

3,656 living—1,930 male, 1,726 female, and 284 still-born births were registered, being 40 more than in the last quarter and 307 less than in the corresponding quarter of the last year.

The birth-rate is equal to 16·08 per 1,000 of population, allowing for the increase of population since 1881, and 18·91 on the population of 1881.

28th October 1889.

T. S. WEIR,
Health Officer.

BOMBAY MUNICIPALITY.

RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE SECOND QUARTERS OF 1888 AND 1889.

Divisions.	Localities.	Number of Deaths, exclusive of Still-born in 1888.	Annual Rate of Mortality per 1,000 of Population.	Number of Deaths, exclusive of Still-born in 1889.	Annual Rate of Mortality per 1,000 of Population.
A	Upper Colaba	44	61·38	22	30·69
	Middle and Lower Colaba	78	21·87	90	25·23
	Fort, Southern	6	6·82	9	10·24
	„ Northern	200	23·64	245	28·97
	Esplanade	72	22·01	38	10·09
B	Market	306	24·91	339	27·60
	Mandvi	349	32·93	312	29·46
	Chukla	344	37·14	346	37·35
	Oomerkhari	439	32·12	519	37·98
	Dongri	255	30·63	216	25·95
C	Dhobi Talao	274	27·81	323	32·78
	Fanasvadi	138	23·77	108	18·60
	Bhuleshwar	255	26·76	277	29·07
	Khara Talao	233	32·48	250	34·85
	Kumbharwada	242	27·66	283	32·34
	Khetwadi	189	25·68	189	25·68
	Girgam	227	35·86	221	34·91
D	Chaupati	63	22·96	66	24·05
	Walkeshvar	63	22·29	59	20·87
	Mahalakshmi	65	40·11	71	45·20
E	Mazagon	201	28·81	199	28·52
	Tarwadi	161	44·28	97	26·68
	2nd Nagpada	145	36·42	180	45·22
	Kamathipura	257	36·12	342	48·07
	Tardeo	170	33·52	148	29·18
	Byculla	247	36·80	336	50·00
	1st Nagpada	108	46·09	102	43·53
	Parel	235	50·64	230	49·56
	Sewri	37	26·64	36	25·92
F	Sion	90	20·88	70	16·24
	Mahim	127	29·34	101	23·34
	Worli	160	43·77	77	21·06
Water Division		15	2·41	12	1·92
Non-resident and unknown		68	.....	79	.....
	Total...	5,863	26·01*	5,992	26·36*

* Allowing for increase of population since 1881.

RETURN OF BIRTHS AND DEATHS FOR THE SECOND QUARTER OF 1889.

Months.	Births.	Deaths.									Annual Rate of Mortality per 1,000 of Population.	Barometer.	Temperature of Air.	Dew-point.	Humidity of Air.	Total fall of Rain at Colaba.
		Small-pox.	Measles.	Cholera.	Fevers.	Digestive System.			All other causes.	All causes, except Still-born.						
						Diarrhœa.	Dysentery.	All other Diseases under the Digestive System.								
April	1,105	87	144	14	727	86	38	40	941	2,077	32·23	29·811	82·9	74·0	·75	...
May	1,256	66	108	26	748	74	49	45	1,001	2,117	32·85	·782	86·3	77·4	·75	·67
June	1,295	35	55	34	560	66	46	41	961	1,798	27·90	·669	88·8	77·8	·83	19·89
Total...	3,656	188	307	74	2,035	226	133	126	2,903	5,992	* 26·36	29·754	84·3	76·4	·77	20·56
Corresponding Quarter...	3,963	248	89	130	1,722	259	178	146	3,091	5,863	* 26·01	29·779	83·9	78·9	·76	15·76

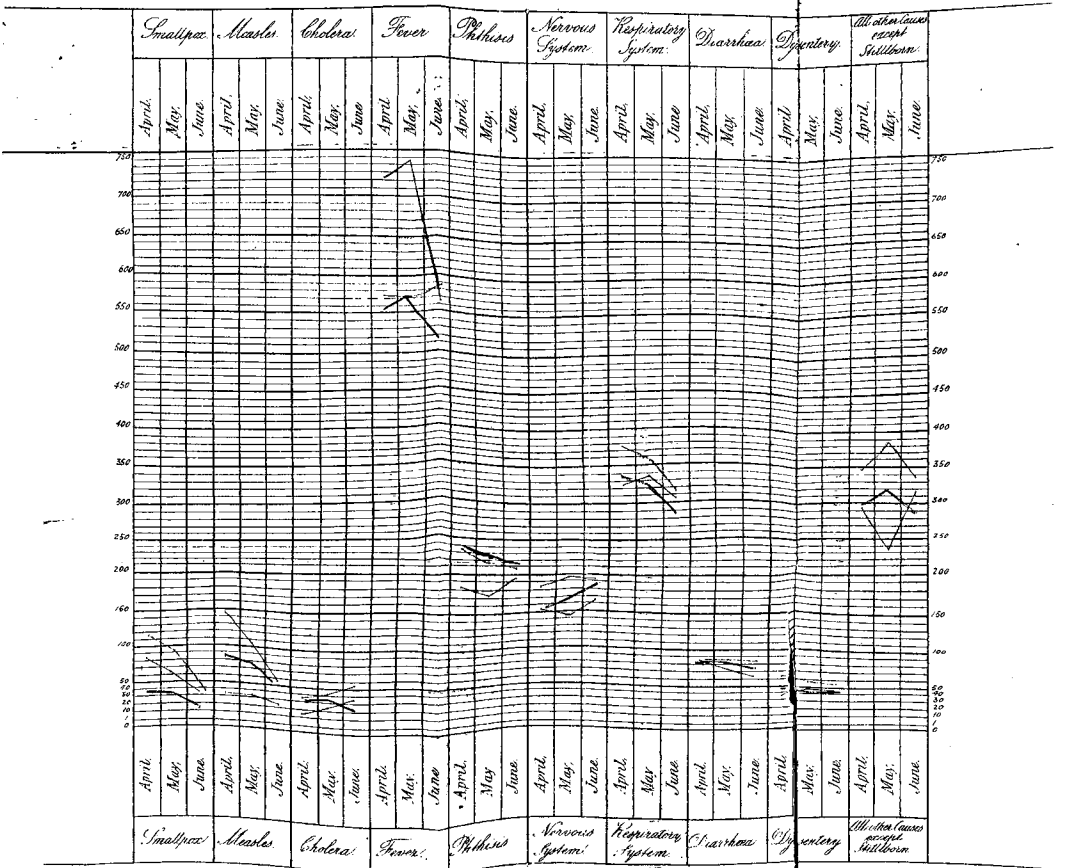
* Allowing for increase of population since 1881.

RETURN showing the Number of Children successfully and unsuccessfully Vaccinated, Number whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination during the 2nd Quarter of 1889.

Quarter.	Number of Children successfully Vaccinated.			Number of Children unsuccessfully Vaccinated.	Number of Children whose Vaccination has been postponed.	Number of Children certified to be Insusceptible of successful Vaccination.	Remarks.
	Under one year.	Under 14 years.	Total.				
2nd Quarter of 1889...	3,296	780	4,076	96	12	3	

DIAGRAM.

DIAGRAM – Showing the number of deaths from different causes in the 2nd Quarter of 1889 (RED) as compared with the corresponding Quarter of the last year (YELLOW) and the mean of the preceding 5 years (GREEN)



12

Health Officer's Report for the Third Quarter of 1889.

EXCLUSIVE of still-born 6,214 deaths were registered during the quarter, being 222 more than in the last quarter, and 287 more than in the corresponding quarter of the last year. The death-rate is equal to 27·33 per 1,000 of population, allowing for the increase of population since 1881. The highest mortality occurred in July and the lowest in September.

July	2,079
August	2,075
September	2,060

The total enhanced mortality is chiefly due to phthisis, diarrhœa and cholera. The mortality from fevers, measles and small-pox is less than in the last quarter.

The quality of the water-supply has not been good, and very serious apprehensions of a scanty rainfall were felt as the season advanced.

Examining the statistics according to place of birth, we find that 3,459 persons, including still-born were born in Bombay, that 3,073 were born out of Bombay, and that the place of birth of 50 persons could not be ascertained.

The fever mortality is 249 less than in the preceding quarter, but 95 more than in the corresponding quarter of the last year, and 256 more than the average of the preceding 5 years; of the total deaths from fevers, 1,372 were referred to remittent fever, being 245 less than in the past quarter, but 152 more than in the corresponding quarter of the last year; 311 were ascribed to simple continued fever, being 12 less than in the previous quarter and 93 less than in the corresponding months of the last year; 97 were ascribed to ague, being 9 more than in the last quarter and 30 more than in the corresponding quarter of the last year; 6 were referred to enteric fever. In all 1,786 deaths were ascribed to fevers.

The mortality from small-pox is 172 less than in the last quarter, but 2 more than in the corresponding quarter of the last year. 16 deaths were registered.

From measles 48 deaths were registered, 259 less than in the last quarter, but 25 more than in the corresponding quarter of the last year.

BOMBAY MUNICIPALITY.

The mortality from cholera is 133 more than in the last quarter and 26 more than in the corresponding quarter of the last year. There were 267 cases, of which 207 proved fatal.

The deaths from diseases of the respiratory system were 32 more than in the last quarter, but 49 less than in the corresponding quarter of the last year; 994 deaths were registered under the head of diseases of the respiratory system; of these, 627 were ascribed to bronchites, being 5 more than in the last quarter, but 48 less than in the corresponding quarter of the past year; 205 were ascribed to pneumonia, being 44 more than in the previous quarter, but 16 less than in the corresponding quarter of the last year.

To diseases of the digestive system 707 deaths were ascribed, being 222 more than in the preceding quarter and 66 more than in corresponding period of the last year. Of the deaths from diseases of the digestive system, 373 were referred to diarrhœa being 147 more than in the last qurater and 67 more than in the corresponding period of the last year; 176 were ascribed to dysentery, being 43 more than in the last quarter, but 33 less than in the corresponding quarter of the past year; and to all other diseases of the digestive system 158 deaths were referred.

From diseases of the nervous system 633 deaths were rogistered, being 66 more than in the past quarter and 47 more than in the corresponding period of the last year.

The mortality from phthisis is 275 more than in the past quarter and 50 more than in the corresponding quarter of the last year.

From diseases of the generative system 65 deaths were registered, being 19 more than in the last quarter and 7 more than in the corresponding quarter of the last year.

To diseases of the circulatory system 35 deaths were referred, being 6 less than in the preceding three months and 5 less than in the corresponding period of the last year.

11 deaths were registered under the head of leprosy.

To the general affection, dropsy, 32 deaths were referred, being 10 more than in the last quarter.

14 deaths were registered under the head of diseases of the urinary system, being 2 more than in the previous quarter.

From diseases of the organs of locomotion and cellular tissue 21 deaths were registered, being 3 less than in the corresponding quarter of the last year.

10 deaths were registered under the head of the cutaneous system, being 8 more than in the last quarter.

3 premature births were registered.

The deaths from old age and debility were 145 more than in the last quarter.

APPENDICES.

The deaths from accidents and violence amounted to 100, being 1 more than in the last quarter and 3 more than in the corresponding quarter of the last year. 20 deaths were ascribed to poisoning, being 2 less than in the last quarter and 1 less than in the corresponding quarter of the last year; of the deaths from poisoning 11 were suicidal and 9 accidental; of the latter 3 were from snake-bite. The deaths from drowning were 3 more than in the last quarter and 1 more than in the corresponding quarter of the last year. 10 were suicidal, 14 accidental, and in 9 instances the circumstances under which death took place were not known.

The infant mortality is 267 less than in the last quarter, but 299 more than in the corresponding quarter of the last year. 2,761 children under 5 years of age died.

	No. of deaths.	Per 1,000 of population.
Under 1 year	1,844	325·85
„ 2 years	1,524	132·70
„ 3 „	210	59·62
„ 4 „	118	34·49
„ 5 „	65	16·72

At the burying and burning grounds of the city, 4,238 bodies were buried, 2,018 burnt and 326 conveyed to the Tower of Silence. 3,883 living births—2,021 male and 1,862 female—and 368 still-born births were registered, being 227 more than in the previous quarter, but 250 less than in the corresponding months of the past year.

16*th December* 1889.

T. S. WEIR,
Health Officer.

BOMBAY MUNICIPALITY.

RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE THIRD QUARTERS OF 1888 AND 1889.

Divisions.	LOCALITIES.	Number of Deaths, exclusive of Still-born in 1888.	Annual Rate of Mortality per 1,000 of Population.	Number of Deaths, exclusive of Still-born in 1889.	Annual Rate of Mortality per 1,000 of Population.
A	Upper Colaba	35	48·83	30	41·85
	Middle and Lower Colaba	77	21·59	103	28·88
	Fort, Southern	4	4·55	10	11·37
	„ Northern	195	23·05	240	28·37
	Esplanade	46	14·06	62	18·96
B	Market	237	19·29	271	22·06
	Mandvi	330	31·12	309	29·18
	Chukla	340	36·70	310	33·47
	Oomerkhari	465	34·03	502	36·73
	Dongri	190	22·82	201	24·15
C	Dhobi Talao	311	31·56	334	33·90
	Fanasvadi	122	21·01	125	21·53
	Bhuleshwar	280	29·39	272	28·55
	Khara Talao	258	35·96	256	35·69
	Kumbharwada	246	28·12	286	32·69
	Khetwadi	191	25·95	212	28·80
	Girgam	221	34·91	232	36·65
D	Chaupati	61	22·23	60	21·86
	Walkeshvar	50	17·69	66	23·35
	Mahalakshmi	53	34·01	99	63·70
E	Mazagon	288	41·28	239	34·26
	Tarwadi	101	27·77	86	23·65
	2nd Nagpada	201	50·49	181	45·54
	Kamathipura	312	43·85	336	47·23
	Tardeo	166	32·74	153	30·17
	Byculla	272	40·53	364	54·24
	1st Nagpada	72	30·72	95	40·54
	Parel	222	47·84	280	60·34
	Sewri	57	41·04	66	47·52
F	Sion	87	20·18	116	26·91
	Mahim	156	36·05	124	28·65
	Worli	186	50·88	99	27·08
Water Division		16	2·57	8	1·29
Non-resident and unknown		79	.....	87	.....
	Total...	5,927	26·29*	6,214	27·33*

* Allowing for increase of population since 1881.

RETURN OF BIRTHS AND DEATHS FOR THE THIRD QUARTER OF 1889.

MONTHS.	Births.	Deaths.									Annual Rate of Mortality per 1,000 of Population.	Barometer.	Temperature of Air.	Dew-point.	Humidity of Air.	Total fall of Rain at Colaba.
		Small-pox.	Measles.	Cholera.	Fevers.	Digestive System. Diarrhœa.	Dysentery.	All other Diseases under Digestive System	All other causes.	All causes, except Still-born.						
July	1,258	7	29	108	589	165	50	62	1,069	2,079	32·26	29·649	81·4	77·0	·87	30·45
August	1,368	6	11	67	610	112	58	41	1,170	2,075	32·20	·702	81·4	76·2	·84	10·32
September	1,257	3	8	32	587	96	68	55	1,211	2,060	31·97	·744	82·5	76·4	·82	2·71
Total...	3,883	16	48	207	1,786	373	176	158	3,450	6,214	* 27·33	29·698	81·7	76·5	·84	43·48
Corresponding Quarter...	4,133	14	23	181	1,691	306	209	126	3,377	5,927	* 26·29	29·746	81·0	75·7	·84	38·82

* Allowing for increase of population since 1881.

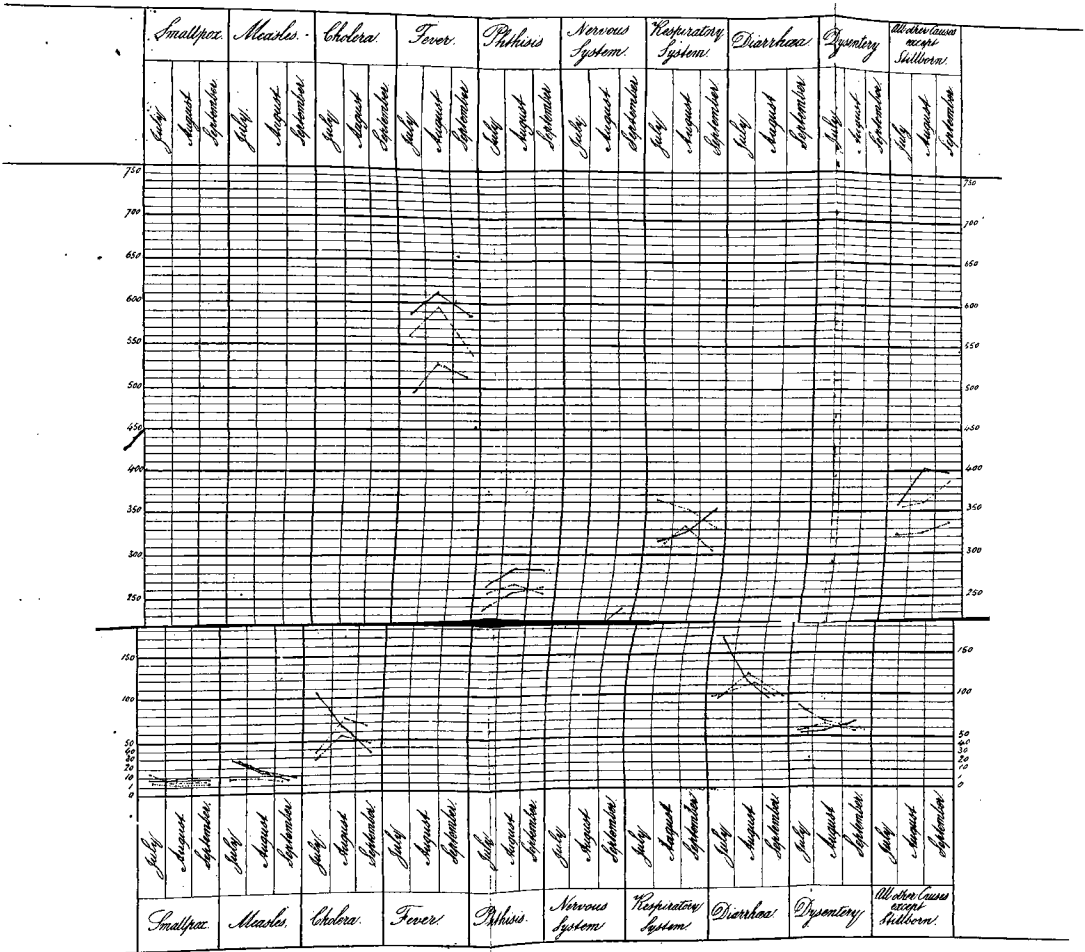
17

RETURN showing the Number of Children successfully Vaccinated, the Number of those whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination during the 3rd Quarter of 1889.

Quarter.	Number of Children successfully Vaccinated.			Number of Children unsuccessfully Vaccinated.	Number of Children whose Vaccination has been postponed.	Number of Children certified to be Insusceptible of successful Vaccination.	REMARKS.
	Under one year.	Under 14 years.	Total.				
3rd Quarter of 1889...	2,662	594	3,256	53	20	1	

DIAGRAM.

DIAGRAM:- Showing the number of deaths from different causes in the 3rd Quarter of 1889 (RED) as compared with the corresponding Quarter of the last year (YELLOW) and the mean of the preceding 5 years. (BLUE)



Health Officer's Report for the 4th Quarter of 1889.

THE health of the city has been good during the 4th quarter of 1889. The mortality is 898 less than in the preceding three months of the year, and 239 less than in the corresponding months of 1888. The diminution is chiefly due to the lower mortality from fevers, cholera, diarrhœa, diseases of the nervous system and of the respiratory system.

Exclusive of still-born, 5,316 deaths were registered, being 898 less than in the last quarter, and 239 less than in the corresponding quarter of the past year, giving a death-rate of 23·38 per 1,000 of population allowing for the increase of population since 1881.

Examining the statistics according to place of birth, we find that 2,696 persons, including still-born, were born in Bombay, that 2,903 were born out of Bombay, and that the place of birth of 47 persons could not be ascertained.

The fever mortality is 223 less than in the last quarter, and 220 less than in the corresponding months of the past year, and also less than the average of the preceding 5 years. Of the total deaths from fevers, 1,168 were referred to remittent fever, being 204 less than in the last quarter and 174 less than in the corresponding quarter of the last year; 272 were ascribed to simple continued fever, being 39 less than in the past quarter, and 72 less than in the corresponding months of the preceding year; 116 were ascribed to ague, being 19 more than in the last quarter. 7 were referred to enteric fever. In all 1,563 deaths were ascribed to fevers.

The mortality from cholera is 171 less than in the past quarter, and 16 less than in the corresponding months of the preceding year. There were 50 cases, of which 36 proved fatal.

From small-pox only 1 death was registered during the quarter.

From measles 17 deaths were registered, being 31 less than in the past quarter, and 24 less than in the corresponding quarter of the last year.

The deaths from diseases of the respiratory system were 92 less than in the last quarter, and 109 less than in the corresponding period of the past year. 902 deaths were registered under the head of diseases of the respiratory system; of these 520 were ascribed to bronchitis, being 107 less than in the last quarter, and 128 less

than in the corresponding period of the last year; 220 to pneumonia, being 15 more than in the 3rd quarter of 1889, and 28 more than in the corresponding months of the past year.

From diseases of the digestive system, 563 deaths were registered, being 144 less than in the preceding quarter, but 69 more than in the corresponding periods of the past year. To diarrhœa 266 were referred, 107 less than in the last quarter, but 68 more than in the corresponding quarter of the last year; to dysentery 160 were due, 16 less than in the past quarter, and 2 less than in the corresponding period of the last year. To all other diseases of the digestive system 137 deaths were referred, being 21 less than in the last quarter, and 1 less than in the corresponding quarter of the last year.

To affection of the nervous system, 510 deaths were ascribed, being 123 less than in the past quarter, and 13 less than in the corresponding months of the past year.

The mortality from phthisis is 33 less than in the last quarter, but 96 more than in the corresponding quarter of the last year.

From diseases of the generative system, 46 deaths were registered, being 19 less than in the last quarter, and 24 less than in the corresponding quarter of the last year.

To diseases of the circulatory system, 65 deaths were referred, being 30 more than in the last quarter and 20 more than in the corresponding period of the last year.

7 deaths were registered under the head of leprosy.

To the general affection, dropsy, 22 deaths were referred, being 10 less than in the last quarter and 6 less than in the corresponding quarter of the last year.

16 deaths were registered under the head of diseases of the urinary system, being 2 more than in the last quarter.

From diseases of the organs of locomotion and cellular tissue 13 deaths were registered, being 8 less than in the last quarter and 3 less than in the corresponding quarter of the last year.

To diseases of the cutaneous system, 9 deaths were ascribed, being 1 less than in the past quarter, but 4 more than in the corresponding months of the past year.

3 premature births were registered.

The deaths from old age and debility were 28 less than in the previous quarter.

The deaths from accidents and violence amounted to 104, being 4 more than in the past quarter, but 4 less than in the corresponding period of the last year; 15 deaths were ascribed to poisoning, being 5 less than in the preceding quarter, but one more than in the corresponding quarter of the last year. Of the deaths from

poisoning, 7 were suicidal and 8 accidental; of the latter, one was from snake-bite and one from mephitic gas. The deaths from drowning were 4 less than in the last quarter, but 5 more than in the corresponding three months of the last year: 6 were suicidal, and 11 accidental; and in 12 instances the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the city is shown below:—

	Per 1000 of population.	
Hindus	26·33	The increase of population in each class has not been estimated; the mortality is therefore less than shown.
Hindus, low-caste	32·00	
Mussalmans	34·50	
Parsees	18·68	
Europeans	17·22	

The infant mortality is 816 less than in the last quarter, and 374 less than in the corresponding quarter of the last year. 1,945 children under 5 years of age died.

	No. of deaths.	Per 1,000 of population.
Under 1 year	1,341	236·96
„ 2 years	335	84·84
„ 3 „	136	38·61
„ 4 „	87	25·42
„ 5 „	46	11·83

At the burying and burning grounds of the city, 3,418 bodies were buried, 1,982 burnt, and 246 conveyed to the Tower of Silence.

4,338 living births, 2,262 male and 2,076 female, and 330 still-born births were registered, being 455 more than in the last quarter, but 250 less than in the corresponding quarter of the last year.

The number of insanitary buildings being erected is very serious. House sanitation is not progressing, it is to be regretted. Not only are unwholesome buildings being erected, but open space, which had in former years been secured within buildings, is being built over. It is true that such open space could not be secured by law, but through such influence and persuasion as a department could exercise. The tenants suffer, and the tenants are many while the house-owners are few. The enormous immigration of the labouring classes to this city renders their protection against the effects of overcrowding in dark unwholesome buildings of the greatest public importance.

The following is a short report I wrote on a number of unwholesome buildings being erected in one ward:—

"I have the honour to forward the accompanying report from "the Inspector, B ward, on houses being built or rebuilt with- "out sufficient open space around them for wholesome ventilation "and lighting. I have inspected the houses, and some of them are "of the worst type of building, without open space on either side,

"and, therefore, with room space inside which cannot have direct "light from without and cannot be wholesomely ventilated. This "is the type of building which had to be permitted under the old law. "If, under the present law, buildings, such as are shown in this state- "ment, can be erected, then with the new law sanitary building will "be as impossible as with the old law and the condition of new "buildings will be no better than the condition of old buildings. "I have to request the favour of your inspecting the buildings, and "I would earnestly urge that, if building in the form which has "been adopted in these buildings is illegal, the most stringent "prosecution of the persons so acting illegally be commenced. Any "expense incurred in such prosecution will be well incurred."

Returning, while I was on furlough, to India through the south of Russia, I observed outside the small towns buildings which appeared to be factories. I ascertained that these buildings were incinerators, in which all the refuse of the towns was burnt and bread baked. Fuel is very scarce and hence the use of the refuse as fuel for bread-making. It would be well to obtain definite information about these incinerators.

As inquiries are often made in regard to the most simple system of home filtration of water, I may state that a simple and effective one is, boiling and filtration afterwards in a good position on the ancient system by three chatties through charcoal and sand.

T. S. WEIR,
Health Officer.

8th February 1890.

APPENDICES.

RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE FOURTH QUARTERS OF 1888 AND 1889.

Divisions.	Localities.	Number of Deaths, exclusive of Still-born in 1888.	Annual Rate of Mortality per 1,000 of Population.	Number of Deaths, exclusive of Still-born in 1889.	Annual Rate of Mortality per 1,000 of Population.
A	Upper Colaba	14	19·53	25	34·87
	Middle and Lower Colaba	53	14·86	70	19·62
	Fort, Southern	4	4·55	5	5·68
	„ Northern	188	22·23	193	22·82
	Esplanade	63	19·26	37	11·31
B	Market	295	24·01	224	18·23
	Mandvi	310	29·27	327	30·88
	Chukla	345	37·24	270	29·15
	Oomerkhari	505	36·95	440	32·20
	Dongri	152	18·26	177	21·26
C	Dhobi Talao	257	26·08	274	27·81
	Fanasvadi	109	18·77	120	20·67
	Bhuleshwar	273	28·65	272	28·55
	Khara Talao	247	34·43	278	38·75
	Kumbharwada	315	36·01	275	31·43
	Khetwadi	169	22·96	170	23·10
	Girgam	190	30·01	168	26·54
D	Chaupati	50	18·22	41	14·94
	Walkeshvar	49	17·34	46	16·27
	Mahalakshmi	35	22·46	49	31·45
E	Mazagon	198	28·38	198	28·38
	Tarwadi	88	24·20	77	21·18
	2nd Nagpada	163	40·94	175	43·96
	Kamathipura	308	43·29	325	45·68
	Tardeo	122	24·06	100	19·72
	Byculla	235	35·01	268	39·93
	1st Nagpada	98	41·82	68	29·02
	Parel	233	50·21	245	52·80
	Sewri	46	33·12	38	27·36
F	Sion	104	24·13	56	12·99
	Mahim	121	27·96	107	24·72
	Worli	127	34·74	75	20·51
Water Division		9	1·44	25	4·01
Non-resident and unknown		80	.....	98	.....
	Total...	5,555	24·64	5,316	23·38*

* Allowing for increase of population since 1881.

Subject to corrections.

RETURN OF BIRTHS AND DEATHS FOR THE FOURTH QUARTER OF 1889.

MONTHS.	Births.	Deaths.									Annual Rate of Mortality per 1,000 of Population.	Barometer.	Temperature of Air.	Dew-point.	Humidity of Air.	Total fall of Rain at Colaba.
		Small-pox.	Measles.	Cholera.	Fevers.	Digestive System.			All other causes.	All causes, except Still-born.						
						Diarrhœa.	Dysentery.	All other Diseases under Digestive System.								
October	1,480	1	4	12	509	90	62	53	1,078	1,809	28·07	29·801	81·0	73·5	·79	3·80
November	1,505	...	5	13	511	77	45	45	1,015	1,711	26·55	·883	77·2	66·3	·70	...
December	1,353	...	8	11	543	99	53	39	1,043	1,796	27·87	·929	75·8	64·3	·68	...
Total...	4,338	1	17	36	1,563	266	160	137	3,136	5,316	*23·38	29·871	78·0	68·0	·72	3·80
Corresponding Quarter...	4,588	9	41	52	1,783	198	158	138	3,176	5,555	*24·64	29·903	81·4	69·9	·69	1·27

* Allowing for increase of population since 1881.
Subject to corrections.

RETURN showing the Number of Children successfully Vaccinated, the Number of those whose Vaccination has been postponed, and the number certified to be Insusceptible of successful Vaccination during the 4th Quarter of 1889.

Quarter.	Number of Children successfully Vaccinated.			Number of Children unsuccessfully Vaccinated.	Number of Children whose Vaccination has been postponed.	Number of Children certified to be Insusceptible of successful Vaccination.	Remarks.
	Under one year.	Under 14 years.	Total.				
4th Quarter of 1889...	3,442	747	4,189	84*	4	1	*This means that the first operation failed.

APPENDICES.

APPENDIX B.

STATEMENT showing details of the Storage and Consumption of Water in Vehar Lake for the year 1889-90.

Date.			Rainfall for the Week.		Rainfall up to date for the Year.		Reduced Level of the Surface of the Water in the Lake.		Height of water (above the lowest inlet to the Tower) available for supply.					
							At the commencement of the Week.	At the end of the Week.	At the commencement of the Week.		At the end of the Week.		When Lake is full.	
			Inches.	Cents.	Inches.	Cents.	Ft. T.H.D.	Ft. T.H.D.	Feet.	Cent.	Feet.	Cent.	Ft.	Ct.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7	April	1889	...	...	...	..	248·55	248·05	...	...	...	...	...	..
14	"	"	...	...	...	...	248·05	247·60	...	...	...	...	...	...
21	"	"	...	...	...	...	247·60	247·00	...	...	...	...	...	...
28	"	"	...	...	...	...	247·00	246·65	...	...	...	...	...	...
5	May	"	...	...	...	...	246·65	246·15	...	...	...	...	...	...
12	"	"	...	...	...	...	246·15	245·65	...	...	...	...	...	...
19	"	"	...	...	...	...	245·65	245·15	...	...	...	...	...	...
26	"	"	...	18	...	18	245·15	244·60	...	...	...	...	...	...
2	June	"	...	...	...	18	244·60	244·05	14	10	13	55	...	...
9	"	"	3	73	3	91	244·05	243·90	13	55	13	40	...	...
16	"	"	1	85	5	26	243·90	243·50	13	40	13	00	...	...
23	"	"	3	10	8	36	243·50	243·35	13	00	12	85	...	...
30	"	"	13	64	22	00	243·35	245·30	12	85	14	80	...	...
7	July	"	5	82	27	82	245·30	245·95	14	80	15	45	...	...
14	"	"	21	26	49	08	245·95	251·80	15	45	21	30	33	00
21	"	"	11	63	60	71	251·80	254·95	21	30	24	45	33	00
28	"	"	1	75	62	46	254·95	255·15	24	45	24	65	33	00
4	August	"	1	49	63	95	255·15	255·05	24	65	24	55	33	00
11	"	"	4	33	68	28	255·05	255·75	24	55	25	25	33	00
18	"	"	5	70	73	98	255·75	257·00	25	25	26	50	33	00
25	"	"	2	41	76	39	257·00	257·45	26	50	26	95	33	00
1	September	"	1	26	77	65	257·45	257·60	26	95	27	10	33	00
8	"	"	...	28	77	93	257·60	257·35	27	10	26	85	33	00
15	"	"	...	18	78	11	257·35	257·00	26	85	26	50	33	00
22	"	"	1	81	79	92	257·00	256·85	26	50	26	35	33	00
29	"	"	2	10	82	02	256·85	256·80	26	35	26	30	33	00
6	October	"	1	52	83	54	256·80	256·55	26	30	26	05	33	00
13	"	"	...	22	83	76	256·55	256·25	26	05	25	75	33	00
20	"	"	1	51	85	24	256·25	256·00	25	75	25	50	33	00
27	"	"	...	...	85	24	256·00	255·60	25	50	25	10	33	00
3	November	"	...	...	85	24	255·60	255·20	25	10	24	70	33	00
10	"	"	...	...	85	24	255·20	254·75	24	70	24	25	33	00
17	"	"	...	...	85	24	254·75	254·30	24	25	23	80	33	00
24	"	"	...	...	85	24	254·30	253·85	23	80	23	35	33	00
1	December	"	...	...	85	24	253·85	253·45	23	35	22	95	33	00
8	"	"	...	...	85	24	253·45	253·05	22	95	22	55	33	00
15	"	"	...	...	85	24	253·05	252·65	22	55	22	15	33	00
22	"	"	...	...	85	24	252·65	252·25	22	15	21	75	33	00
29	"	"	...	...	85	24	252·25	251·85	21	75	21	35	33	00
5	January	1890	...	...	85	24	251·85	251·45	21	35	20	95	33	00
12	"	"	...	...	85	24	251·45	251·05	20	95	20	55	33	00
19	"	"	...	...	85	24	251·05	250·65	20	55	20	15	33	00
26	"	"	...	...	85	24	250·65	250·25	20	15	19	75	33	00
2	February	"	...	...	85	24	250·25	249·85	19	75	19	35	33	00
9	"	"	....	...	85	24	249·85	249·40	19	35	18	90	33	00
16	"	"	...	...	...	...	249·40	249·00	18	90	18	50	33	00
23	"	"	...	...	...	...	249·00	248·60	18	50	18	10	33	00
2	March	"	...	...	...	...	248·60	248·15	18	10	17	65	33	00
9	"	"	...	...	...	...	248·15	247·70	17	65	17	20	33	00
16	"	"	...	...	...	...	247·70	247·30	17	20	16	80	33	00
23	"	"	...	...	...	...	247·30	246·80	16	80	16	30	33	00
30	"	"	...	...	...	...	246·80	246·30	16	30	15	80	33	00

BOMBAY MUNICIPALITY.

APPENDIX B—*continued.*

STATEMENT showing details of the Storage and Consumption of Water in Tulsi Lake for the year 1889-90.

Date.			Rainfall for the Week.		Rainfall up to date for the Year.		Reduced Level of the Surface of the Water in the Lake.		Height of water (above the lowest inlet to the Tower) available for supply.					
							At the commencement of the Week.	At the end of the Week.	At the commencement of the Week.		At the end of the Week.		When Lake is full.	
			Inches.	Cents.	Inches.	Cents.	Ft. T.H.D.	Ft. T.H.D.	Feet.	Cents.	Feet.	Cents.	Ft.	Ct.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7	April ...	1889	...	...	...	...	440·80	440·10	...	...	...	...	...	...
14	,, ...	,,	...	...	...	...	440·10	439·40	...	...	...	...	...	...
21	,, ...	,,	...	...	...	...	439·40	438·75	...	...	...	...	...	...
28	,, ...	,,	...	...	...	...	438·75	438·05	...	...	...	...	...	...
5	May ...	,,	...	...	...	...	438·05	437·40	...	...	...	...	...	...
12	,, ...	,,	...	...	...	...	437·40	436·70	...	...	...	...	...	...
19	,, ...	,,	...	...	...	...	436·70	435·95	...	...	...	...	...	...
26	,, ...	,,	...	17	...	17	435·95	435·20	...	...	...	...	...	...
2	June ...	,,	...	...	...	17	435·20	434·50	35	84	35	14	...	...
9	,, ...	,,	3	41	3	58	434·50	434·10	35	14	34	74	...	...
16	,, ...	,,	0	65	4	23	434·10	433·40	34	74	34	04	...	...
23	,, ...	,,	2	27	6	50	433·40	433·00	34	04	33	64	...	...
30	,, ...	,,	16	80	23	30	433·00	436·25	33	64	36	89	...	...
7	July ...	,,	6	58	29	88	436·25	437·30	36	89	37	94	...	...
14	,, ...	,,	25	25	55	13	437·30	449·80	37	94	50	44	57	14
21	,, ...	,,	13	38	68	51	449·80	456·00	50	44	56	64	57	14
28	,, ...	,,	1	39	69	90	456·00	456·55	56	64	57	19	57	14
4	August ...	,,	1	78	71	68	456·55	456·40	57	19	57	04	57	14
11	,, ...	,,	4	90	76	58	456·40	456·60	57	04	57	24	57	14
18	,, ...	,,	5	02	81	60	456·60	456·70	57	24	57	34	57	14
25	,, ...	,,	2	67	84	27	456·70	456·55	57	34	57	19	57	14
1	September...	,,	2	44	86	71	456·55	456·50	57	19	57	14	57	14
8	,, ...	,,	0	55	87	26	456·50	456·25	57	14	56	89	57	14
15	,, ...	,,	0	11	87	37	456·25	455·87	56	89	56	51	57	14
22	,, ...	,,	1	90	89	27	455·87	455·60	56	51	56	24	57	14
29	,, ...	,,	0	58	89	85	455·60	455·12	56	24	55	76	57	14
6	October ...	,,	1	55	91	40	455·12	454·80	55	76	55	44	57	14
13	,, ...	,,	0	24	91	64	454·80	454·40	55	44	55	04	57	14
20	,, ...	,,	1	27	92	91	454·40	454·00	55	04	54	64	57	14
27	,, ...	,,	...	...	92	91	454·00	453·40	54	64	54	04	57	14
3	November...	,,	...	...	92	91	453·40	452·85	54	04	53	49	57	14
10	,, ...	,,	...	...	92	91	452·85	452·30	53	49	52	94	57	14
17	,, ...	,,	...	...	92	91	452·30	451·72	52	94	52	36	57	14
24	,, ...	,,	...	...	92	91	451·72	451·15	52	36	51	79	57	14
1	December...	,,	...	...	92	91	451·15	450·65	51	79	51	29	57	14
8	,, ...	,,	...	...	92	91	450·65	450·15	51	29	50	79	57	14
15	,, ...	,,	...	...	92	91	450·15	449·60	50	79	50	24	57	14
22	,, ...	,,	...	...	92	91	449·60	449·00	50	24	49	64	57	14
29	,, ...	,,	...	...	92	91	449·00	448·45	49	64	49	09	57	14
5	January ...	1890	...	...	92	91	448·45	447·90	49	09	48	54	57	14
12	,, ...	,,	...	...	92	91	447·90	447·35	48	54	47	99	57	14
19	,, ...	,,	...	...	92	91	447·35	446·80	47	99	47	44	57	14
26	,, ...	,,	...	...	92	91	446·80	446·25	47	44	46	89	57	14
2	February ...	,,	...	...	92	91	446·25	445·70	46	89	46	34	57	14
9	,, ...	,,	...	...	92	91	445·70	445·07	46	34	45	71	57	14
16	,, ...	,,	...	...	92	91	445·07	444·50	45	71	45	14	57	14
23	,, ...	,,	...	...	...	...	444·50	443·90	45	14	44	54	57	14
2	March ...	,,	...	...	...	...	443·90	443·30	44	54	43	94	57	14
9	,, ...	,,	...	...	...	...	443·30	442·75	43	94	43	39	57	14
16	,, ...	,,	...	...	...	...	442·75	442·15	43	39	42	79	57	14
23	,, ...	,,	...	...	...	...	442·15	441·50	42	79	42	14	57	14
30	,, ...	,,	...	...	...	...	441·50	440·85	42	14	41	49	57	14

S. TOMLINSON, ASSOC.M. INST.,C.E.,
Deputy Executive Engineer, Water Works.

Appendix C.

PROGRESS REPORTS

1889

OF NEW WORKS.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF FEBRUARY 1889*

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I. WATER-WORKS.				
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	Rs. 3,46,012	Loan	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884 ..
2. New mains in various streets.....	81,550	Cur. rev.	26th May 1887 ...	26th May 1887 ...
3. New 18" and 12" main in Frere Road ...	85,000	Loan	Do. ...	Do ...
4. Filling in Compound, Water Works Stores and new offices.	25,000	Cur. rev.	Do. and 14th Nov. 1887	Do. and 14th Nov. 1887
5. Fixing additional Deacon's meters and work in connection therewith.	5,000	Do. ...	26th May 1887 ...	26th May 1888 ...
6. Constructing concrete trench, Waste Weir, Vehar.	35,000	Loan	26th Jan. 1888 ...	26th Jan. 1888 ...
7. Arthur Road 27" main	25,219	Loan	11th Jan. 1888 ...	11th Jan. 1888 ..
8. Additions and alterations to Vehar Bungalow.	5,000	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do ...
10. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
11. Fixing hydrants	10,000	Do. ...	15th March 1888.	15th March 1888..
12. New catch-water channels at Vehar ...	10,000	Do. ...	7th April 1888 ...	7th April 1888 ...
13. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888..
14. Other mains in various streets	51,475			
15. Arthur Road Connection Works	13,200	Do. ...	Do. ...	Do ...
16. Deacon's meters	18,000	Do.	25th April 1888.	25th April 1888...
17. Additional catch-water channels at Vehar.	3,600	Cur. rev.	7th Jan. 1889 ...	7th Jan. 1889 ...
18. Extension of catch-water channel at Tulsi.	20,000	Loan	Do ...	4th Feb. 1889...
II. SEWERAGE AND HOUSE CONNECTIONS.				
19. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Loan ...	8th Dec. 1881 ...	.....
20. Automatic flushers at heads of gullies.	5,570	Do. ...	Do. ...	.....
21. Provision for shaft ventilators	45,652	Do. ...	Do. ...	.....
22. Closing storm-water opening in Frere Road sewer and providing ventilators.	22,827	Do. ...	.....	.....
23. Ovoid sewer, Argyle Road	27,600	Do. ...	16th May 1883...	.....

2

* No separate report for January 1889 was received ;

APPENDICES TO RECORD.

OF NEW WORKS IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Feb. 1889.	REMARKS.
		Rs.	
28rd Dec. 1884...	31st Dec. 1886...	3,37,312	Work completed; additional works completed ; final accounts in preparation.
.....	.....	78,732	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,201	Do. do. do
.....	31st Dec. 1888 ...	22,805	Work completed ; additional works in progress.
May 1887.	May 1889 ...	1,755	Work in progress departmentally as required.
16th Feb. 1888 ...	30th June 1889 ...	18,585	Work completed for first Section.
2nd Feb. 1888 ...	31st March 1889..	27,632	In progress.
Not commenced..	30th April 1889..	5,065	Work in progress.
3rd Dec.	Do. ...	.....	
1st July 1888 ...	30th April 1888..	740	Work in progress ; contractor causing much inconvenience by delay.
6th Oct. 1888 ...	30th April 1889..	9,096	Hydrants have arrived from England and the work of fixing them is in progress.
23rd Apr. 1888...	.....	8,673	Works completed ; final bill not received.
19th May 1888...	30th April 1889..	52,404	Pipe laying completed ; masonry chamber, &c., being built.
2nd Feb. 1888...	10th March 1889.	5,336	Work in progress.
Apr. 1888...	Do. ...	16,788	All the meters have been received from England.
14th Janv. 1888..	30th April 1889...	1,430	Tender accepted and work in progress.
Do.	30th June ...	3,149	
.....	.....	69,495	A contract for supply of iron materials at a cost of Rs. 1,53,853, was sanctioned. House sullage water connection in Khetwadi portion completed at cost of Rs. 78,118-8-7. The work of shaft ventilators commenced.
.....	.....	.....	
.....	.....	19,327	
.....	.....	1,282	Tenders invited, but none received.
.....	.....	.....	

the above report includes the work done in January 1889.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
24. Agripada Pipe Sewers	1,05,953	Loan ...	16th May 1883 ...	2nd Jan. 1884...
25. Ovoid sewer from Crawford Market to Mint.	91,177	Do. ..	Do. ...	Do. ...
26. Drainage of Fort	4,13,909	Do. ...	22nd Dec. 1884 ..	22nd Dec. 1884...
27. Kamathipura privy connections	40,765	Do. ...	8th Dec. 1881 ..	.....
28. Additional works at Worli Pumping Station.	39,724	Do. ...	24th Nov. 1884...	24th Nov. 1884.
29. Ventilating shafts Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev.	1st March 1888...	1st March 1888...
30. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Loan	9th April 1888 ...	9th April 1888 ...
31. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Do. ...	26th March 1888.	26th March 1888..
III.—SURFACE DRAINAGE.				
32. Khetwadi Improvements, intercepting sewers and reservoirs on the Flats.	15,07,836	Do. ...	22nd Mar. 1882...	29th Sept. 1882...
33. Extension of Parel Road storm-water drain to Shepherd Road.	33,749	Do. ...	26th March 1888.	26th March 1888..
34. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do. ...	Do. ...	Do. ...
35. Constructing two culverts on Malabar Hill Road near Chowpati.	6,027	Cur. rev...	20th Oct. 1887 ...	20th Oct. 1887 ...
36. Additional water entrances on east side of Parel Road.	3,598	Do. ...	15th Mar. 1888 ...	15th Mar. 1888...
37. Water entrances in Khetwadi 12th Lane and in Charni Road.	1,321	Do. ...	Do. ...	Do. ...
38. Water entrances in Khetwadi Main Road from 1st to 3rd Lane.	5,253	Do. ...	Do. ...	Do. ...
39. Two additional water entrances in Nesbit Road.	569	Do. ...	Do. ...	Do. ...
40. Water entrances at junction of Bapu Khote Street and Erskine Road.	1,008	Do. ...	Do. ...	Do. ...
41. Two new water entrances in Bellasis Junction Road.	446	Do. ..	Do. ...	Do. ...
42. Fifty water entrances between Wari Bunder and the Fort Market.	14,778	Loan ...	9th April 1888...	9th April 1888...

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Feb. 1889.	REMARKS.
		Rs.	
20th Mar. 1884...	30th June 1885...	1,05,679	Work completed; final accounts not settled.
Do. ...	16th June 1885...	87,042	Completed; accounts being adjusted.
20th Oct. 1884...	1st Mar. 1889 ...	3,05,751	Pipe sewers completed; house connections and ventilating shafts nearly completed.
.....	.....	.....	The consideration of this question is deferred by the Corporation.
13th Apr. 1885...	Nov. 1885 ...	37,668	Work completed; final accounts under adjustment.
.....	.....	.....	Surface ventilators made departmentally along Marine Lines and Mayo Road.
.....	.....	725	Tenders invited, but no tender received.
.....	.....	156	Work in progress.
25th Nov. 1885...	1st Dec. 1885 ...	13,11,609	Work completed; extra works in progress.
.....	.....	414	Work in progress.
.....	.....	.....	
.....	.....	3,692	Culvert and retaining wall completed.
.....	.....	2,871	Work completed.
.....	.....	1,136	Do.
.....	.....	4,589	Do.
.....	.....	558	Do.
.....	.....	784	Do.
.....	.....	375	Do.
.....	.....	.....	Tenders invited, but no tender received.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
IV.—ROADS, BUILDINGS, &c.	Rs.			
43. New street across the Old Race-course	1,30,831 (From this grant Rs.425 have been transferred to the grant for construction of a chawl and bungalow at the W. W. Stores.)	Loan.....	16th May 1883 ...	4th Feb. 1884...
44. New night-soil depôt at the south end of DeLisle Road.	5,612	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
45. Enlargement of Dhobies' Lines, Mahaluxmi.	45,652	Loan	16th May 1883...	.....
46. Health Department Bullock Stables, Bori Bandar.	45,652	Do.	Do. ...	.....
47. Engineer's chaukis	20,000	Cur. rev.	Budget for 1883-84.	Budget for 1883-84.
48. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882...	28th July 1882...
49. New latrines and urinals	6,254 20,000	Do.	Renewed grant for 1887-88. Budget for '88-89	1st April 1888. Budget for 1888-89.
50. Nesbit Road Bridge	2,15,000	Do.	24th Nov. 1884...	24th Nov. 1884....
51. Proposed Cholera Hospital	13,160	Do.	13th Oct. 1884...	13th Oct. 1884 ...
52. Charni Road Extension to Falkland Road.	29,862 (Out of this sum Rs.2,815 have been transferred to Love Grove Pumping-Station Contingencies.)	Do. ...	Budget for 1885-86.	Budget for 1885-86.
53. Small-pox Hospital, according to the recommendation of the Committee of the Corporation.	39,636	Cur. rev.	Budget for 1885-86.	Budget for 1885-86.
54. Reserved for vaccination quarter and stables to be erected near Municipal Workshops.	15,000	Do. ...	Do. ...	Do. ...
55. Reserved for Health Department stables in F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
56. Experiments of Kachra Burning	7,873	Do. ...	13th Oct. 1887 ..	13th Oct. 1887 ...
57. Improvement of Bandora Slaughter-house premises.	20,000	Do. ...	5th Feb. 1886...	1st April 1886 ...

*From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV, Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Feb. 1889.	Remarks.
		Rs.	
.....	.....	1,28,742	Work completed. Some of the Solicitor's charges and claims for land compensation are still to be paid.
.....	.....	.....	Tender accepted, but work *postponed, pending* the settlement of site.
.....	.....	1,699	Alteration of road line has now been settled, and work will be resumed.
12th Aug. 1885...	30th Oct. 1886...	48,660	Work completed. Bill for extra work to be received.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms, and because the designs hitherto submitted have been too costly, and tenders have been received for those of C Ward.
.....	.....		
.....	.....	1,195	Work in progress.
.....	.....	2,14,619	Work completed. Final account from the G. I. P. Railway Co. received only on 27th March 1889.
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	13,375	Work completed. Claims for land compensation not settled.
25th July 1887 ...	25th July 1887 ...	37,094	Contract work completed.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	9,999	Land acquired ; designs are awaiting approval.
.....	.....	4,703	
14th July 1886...	21st Mar. 1887 ...	19,461	Works finished ; accounts being adjusted.

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
58. Purchase of open spaces	12,000	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
59. Street names and number plates	5,000	Do. ...	15th March 1888.	15th March 1888..
60. Raising manholes between Wari Bunder and the Fort Market.	4,619	Loan	9th April 1888 ...	9th April 1888 ...
61. Additional manholes	3,526	Do. ...	Do. ...	Do. ...
62. New Market at Colaba	50,300	Do ...	26th March 1887.	26th March 1888..
63. Erskine Road Market extension	4,04,122	Do. ...	1st Dec. 1887 ...	1st Dec. 1887 ...
64. Arthur Crawford Market extension ...	49,942	Do. ...	26th March 1888.	26th March 1888..
65. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road.	23,000	Do. ...	Do. ...	Do. ...
66. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do. ...	25th April 1888.	25th April 1888...
67. Purchase of 5,000 s. yds. of land near the junction of DeLisle and Carroll Roads for a night-soil depôt and filling in the same.	11,503	Do. ...	Do. ...	Do. ...
68. Purchase of 11,838 s. yds. of land at De Lisle and Arthur Roads junction.	23,676	Do. ...	26th March 1888.	26th March 1888..
69. Road through Nowroji Hill from Elphinstone bridge to Dongri Street.	2,68,875	Do. ...	Do. ...	Do. ...
70. Repairs to Store Sheds in Arthur Crawford Markets.	31,000	Cur. rev.	8th March 1888...	8th March 1888...

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Feb. 1889.	Remarks.
		Rs.	
.....	.....	.....	
.....	.....	1,142	Work in progress.
.....	.....	.....	Tenders invited, but no tenders received.
.....	.....	.....	
.....	.....	.....	Site of Market not yet settled.
.....	.....	2,87,130	Work in progress departmentally.
Feb. 1888...	.....	.....	Tenders received.
.....	.....	71	Work in progress.
.....	.....	.....	Site not obtained.
.....	.....	7,247	Land acquired.
.....	.....	.....	
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	28,540	Work completed.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF APRIL 1889*

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	3,46,012	Loan	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884...
2. New mains in various streets	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
3. New 18″ and 12″ main in Frere Road.....	85,000	Loan	Do. ...	Do. ...
4. Filling in compound, Water Works Stores, and constructing new office and store room and a stove or tank for dipping pipes.	25,000	Cur. rev ...	Do. and 14th Nov. 1887	Do. and 14th Nov. 1887
5. Fixing additional Deacon's metres and work in connection therewith.	5,000	Do. ...	26th May 1887 ...	26th May 1888 ...
6. Constructing concrete trench, Waste Weir, Vehar.	35,000	Loan ...	26th Jan. 1888 ...	26th Jan. 1888 ...
7. Arthur Road 27″ main	34,484	Do. ..	11th Jan. 1888 ...	11th Jan. 1888 ...
8. Additions and alterations to Vehar Bungalow.	5,000	Cur. rev....	25th Apr. 1888...	25th April 1888..
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
10. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st Mar. 1888 ...	1st March 1888...
11. Fixing Hydrants	10,000 6,500	Do. ... Do. ...	15th March 1888. 16th Jan. 1889 ...	15th March 1888. 1st March 1889.
12. New catch-water channels at Vehar ...	10,000	Do. ...	7th April 1888 ...	7th April 1888 ...
13. Mains in 14 streets west of Frere Road	17,325	Loan ...	15th March 1888.	15th March 1888.
14. Other mains in various streets	51,475			
15. Arthur Road Connection Works	13,200	Do. ...	Do. ..	Do. ...
16. Deacon's Metres	18,000	Do. ...	25th April 1888.	25th April 1888...
17. Additional catch-water channels at Vehar.	3,600	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
18. Extension of catch-water channel at Tulsi.	20,000	Loan	Do. ...	4th Feb. 1889 ...
19. Concrete trench at Tulsi Waste Weir ...	9,000	Cur. rev...	16th Jan. 1889 ...	1st March 1889.
II.—SEWERAGE AND HOUSE CONNECTIONS.				
20. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Loan ...	8th Dec. 1881 ...	.....
21. Automatic flushers at heads of gullies...	5,570	Do. ...	Do. ...	.....
22. Provision for shaft ventilators ...	45,652	Do. ...	Do. ...	.....

* No separate report for March was received ;

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Apr. 1889.	Remarks.
		Rs.	
23rd Dec. 1884 ...	31st Dec. 1886...	3,37,312	Work completed; additional works completed; final accounts in preparation.
.....	.....	81,019	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,201	Do. do. do.
.....	31st Dec. 1888 ...	22,833	Work completed; except stove and tank for dipping pipes.
May 1887.	May 1889...	1,784	Work in progress departmentally as required.
16th Feb. 1888...	30th June 1889...	18,548	Work completed for first Section: second Section commenced.
2nd Feb. 1888 ...	31st March 1889 .	35,610	Completed; final accounts in preparation.
11th Feb. 1889...	30th Apr. 1889 ...	5,065	Work in progress.
3rd Dec.....	Do. ...	.....	Work completed; rooms occupied.
1st July 1888 ...	30th Apr. 1888 ...	906	Work in progress; contractor causing much inconvenience by delay.
6th Oct. 1888...	30th Apr. 1889 ...	10,298	Work completed; final accounts submitted to the Commissioner.
23rd April 1888...	.....	8,674	Works completed; final bill in preparation.
19th May 1888 ...	30th Apr. 1889...	52,515	Pipe laying completed; masonry chamber, &c., being built.
2nd Feb. 1888...	10th Mar. 1889...	9,563	Work completed; final accounts under settlement.
Apr. 1888...	Do. ...	16,788	All the meters have been received from England and accounts paid.
14th Jan. 1889 ...	30th Apr. 1889 ...	2,199	Tender accepted and work in progress.
Do.	30th June 1889...	8,720	
8th April 1889..	.....	271	Tender accepted and work in progress.
.....	.....	82,832	A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned. House sullage water connection in Khetwadi District completed at cost of Rs.78,118-8-7. The work of shaft ventilators proceeding.
.....	.....	.....	
.....	.....	83,899	

the above report includes the work done in March 1889.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
23. Closing storm-water opening in Frere Road Sewer and providing ventilators.	22,827	Loan	.....	.....
24. Ovoid Sewer, Argyle Road	27,600	Do. ...	16th May 1883....	.....
25. Agripada Pipe Sewers	1,05,953	Loan	16th May 1883 ...	2nd Jan. 1884...
26. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
27. Drainage of Fort.....	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
28. Kamathipura privy connections	40,765	Do.	8th Dec. 1881...	.....
29. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev...	1st Mar. 1888...	1st Mar. 1888 ...
30. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Loan	9th Apr. 1888...	9th Apr. 1888...
31. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Do. ...	26th Mar. 1888 ...	26th Mar. 1888...
III.—SURFACE DRAINAGE.				
32. Extension of Parel Road storm-water drain to Shephard Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888...
33. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do. ...	Do. ...	Do. ...
34. Masonry galleries for storm-water at junction of Kavasji Patel Tank Street and Kika Street.	446	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
35. Five large masonry galleries for storm-water in Kamathipura.	3,064	Do. ...	Do. ...	Do. ...
36. Fifty masonry galleries between Wari Bandar and the Fort Market.	14,778	Loan	9th Apr. 1888...	9th Apr. 1888...
37. Water table to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Apr. 1889.	REMARKS.
		Rs.	
.....	.....	1,197	Tenders invited, but none received.
.....	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwady House connection as per Town Council Resolution No. 2195 of 1888-89. 3,783 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2545/14-3-88. 2,400 0 0 *Less*—10 per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5. and the balance proposed to be utilized in works in Frere Road.
20th Mar. 1884...	30th June 1885...	1,05,679	Work completed; final accounts not settled, being disputed by contractors.
Do ...	16th June 1885...	90,806	Work completed; accounts being adjusted; contractors have applied for extra allowances.
20th Oct. 1884 ...	1st Mar. 1889 ...	3,84,563	Work nearly completed.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	1,009	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder proposed to be done by petty contractor.
.....	.....	725	Tenders invited, but none received.
.....	.....	329	Work in progress.
.....	.....	364	Work in progress.
.....	.....	417	
.....	.....	.....	Work entrusted to petty contractor.
.....	.....	.....	Do. do. do.
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	Work entrusted to petty contractor.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
IV.—ROADS, BUILDINGS, &c.	Rs.			
38. New Night-soil Depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888..	25th Apr. 1888 ...
39. Enlargement of Dhobis' Lines, Mahaluxmi.	45,652	Loan.....	16th May 1883 ...	.....
40. Engineers' Chowkies	20,000	Cur. rev.	Budget for 1883-84.	Budget for 1883-84.
41. Ward Offices, Assessment Department.	25,000	Do.	28th July 1882...	28th July 1882 ...
42. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884 ...	13th Oct. 1884 ...
43. Vaccination Quarters and Stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
44. Health Department Stables in F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
45. Purchase of open spaces.....	12,000	Do. ...	25th April 1888...	25th April 1888 ..
46. Street names and number plates.....	5,000	Do. ...	15th March 1888.	15th March 1888.
47. Raising manholes between Wari Bandar and the Fort Market.	4,619	Loan ...	9th April 1888 ...	9th April 1888 ...
48. Additional Manholes	3,526	Do. ...	Do. ...	Do. ...
49. New Market at Colaba	50,300	Do. ...	26th March 1887.	26th March 1888.
50. Erskine Road Market extension.....	4,04,122	Do. ...	1st Dec. 1887 ...	1st Dec. 1887 ...
51. Cross Road at Mahalakshmi Station from Clerk Road to Haines Road.	23,000	Do. ...	26th March 1888.	26th March 1888.
52. Purchase of land for chawls for the bigaries who clean the Arthur Crawford Markets and building the Chawls.	22,700	Do. ...	25th April 1888...	25th April 1888.
53. Night-soil Depôt near the junction of DeLisle and Carroll Roads.	11,503	Do. ...	Do. ...	Do. ...
54. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do. ...	26th March 1888.	26th March 1888.
55. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do. ...	Do. ...	Do. ...

* From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Apr. 1889.	REMARKS.
		Rs.	
.....	.....	210	Tender accepted, but work postponed, pending the settlement of site.
.....	.....	1,699	Alteration of road line has now been settled, and work is resumed.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	9,999	Land acquired; designs are awaiting approval.
.....	.....	.....	
.....	.....	1,142	Work in progress.
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	
.....	.....	232	Site of market not yet settled.
.....	.....	2,87,494	Work in progress departmentally.
.....	.....	71	Work in progress.
.....	.....	.....	Site not obtained.
.....	.....	7,247	Land acquired; specification for works being prepared.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.

Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF MAY 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	3,46,012 1,53,000 4,99,012	Loan ...	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884 ...
2. New mains in various streets.....	81,550	Cur. rev.	26th May 1887 ...	26th May 1887 ...
3. New 18″ and 12″ main in Frere Road ...	85,000	Loan	Do. ...	Do. ...
4. Filling in Compound, Water Works Stores, and constructing new office and store room and a stove and tank for dipping pipes.	25,000	Cur. rev.	Do. and 14th Nov. 1887	Do. and 14th Nov. 1887
5. Fixing additional Deacon's meters and work in connection therewith.	5,000	Do. ...	26th May 1887 ...	26th May 1888 ...
6. Constructing concrete trench, Waste Weir, Vehar.	35,000	Loan	26th Jan. 1888 ...	26th Jan. 1888 ...
7. Arthur Road 27″ main	34,484	Do. ...	11th Jan. 1888 ...	11th Jan. 1888 ...
8. Additions and alterations to Vehar Bungalow.	5,000	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do ...
10. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
11. New catch-water channels at Vehar ...	10,000	Do. ...	7th April 1888 ...	7th April 1888 ...
12. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888..
13. Other mains in various streets	51,475			
14. Arthur Road Connection Works	13,200	Do. ...	Do. ...	Do ...
15. Deacon's meters	18,000	Do.	25th April 1888.	25th April 1888...
16. Additional catch-water channels at Vehar.	3,600	Cur. rev.	7th Jan. 1889 ...	7th Jan. 1889 ...
17. Extension of catch-water channel at Tulsi.	20,000	Loan	Do. ...	4th Feb. 1889...
18. Concrete trench at Tulsi Waste Weir.	9,000	Cur. rev.	16th Jan. 1889 ...	1st March 1889..
II.—SEWERAGE AND HOUSE CONNECTIONS.				
19. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Loan ...	8th Dec. 1881 ...	.....
20. Automatic flushers at heads of gullies.	5,570	Do. ...	Do ...	.....
21. Provision for shaft ventilators	45,652	Do. ...	Do. ...	.....

APPENDICES TO RECORD.

OF NEW WORKS IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of May 1889.	REMARKS.
		Rs.	
23rd Dec. 1884...	31st Dec. 1886...	3,85,624	Work completed; additional works completed; final accounts in preparation.
.....	.....	81,019	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,000	Do. do. do.
.....	31st Dec. 1888 ...	22,833	Work completed; except stove and tank for dipping pipes.
May 1887.	May 1889 ...	1,785	Work in progress departmentally as required.
16th Feb. 1888 ...	2nd July 1889 ...	18,600	Work completed for first Section: second Section commenced.
2nd Feb. 1888 ...	31st March 1889..	35,926	Completed; final accounts under adjustment.
11th Feb. 1889 ...	30th April 1889..	9,352	Work in progress.
3rd Dec.	Do. ...	.....	Work completed; rooms occupied.
1st July 1888 ...	30th April 1888..	906	Work in progress; contractor causing much inconvenience by delay.
23rd Apr. 1888...	31st Jan. 1889 ...	9,469	Works completed; final account under settlement.
19th May 1888...	31st May 1889 ...	54,594	Pipe laying completed; and final accounts are to be adjusted.
2nd Feb. 1888...	10th March 1889.	9,100	Work completed; final accounts under settlement.
Apr. 1888...	Do. ...	16,788	All the meters have been received from England and accounts paid.
14th Jany. 1889..	30th April 1889...	2,742	Tender accepted and work in progress.
Do.	30th June 1889...	8,519	
8th April 1889...	.....	571	
.....	.....	82,832	A contract for supply of iron materials at a cost of Rs. 1,53,853, was sanctioned. House sullage water connection in Khetwadi District completed at a cost Rs. 78,113 8-7. The work of shaft ventilators proceeding.
.....	.....	.....	
.....	.....	33,899	

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
22. Closing storm-water opening in Frere Road sewer and providing ventilators.	22,827	Loan ...	.....	.....
23. Ovoid sewer, Argyll Road.....	27,600	Do. ...	16th May 1883 ...	.....
24. Agripada Pipe Sewers	1,05,953	Loan ...	Do. ...	2nd Jan. 1884...
25. Ovoid sewer from Crawford Market to Mint.	91,177	Do. ...	Do. ...	Do. ...
26. Drainage of Fort	4,13,909	Do. ...	22nd Dec. 1884...	22nd Dec. 1884...
27. Kamathipura privy connections	40,765	Do. ...	8th Dec. 1881 ...	.....
28. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev.	1st March 1888...	1st March 1888...
29. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Loan	9th April 1888 ...	9th April 1888 ...
30. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Do. ...	26th March 1888.	26th March 1888..
31. Queen's Road and Girgaum Sewerage and house connection works.	11,14,929	Do. ...	28th July 1887 ...	28th July 1887...
III.—SURFACE DRAINAGE.				
32. Extension of Parel Road storm-water drain to Shepherd Road.	33,749	Loan	26th March 1888.	26th March 1888..
33. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do. ...	Do. ...	Do. ...
34. Masonry gullies for storm-water at junction of Kavasjee Patel Tank Street and Kika Street.	446	Cur. rev.	15th Mar. 1889 ...	15th Mar. 1888...
35. Five large masonry gullies for storm-water in Kamathipura.	3,064	Do. ...	Do. ...	Do. ...
36. Fifty masonry gullies between Wari Bandar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th April 1888 ...
37. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev.	.....	.....

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of May 1889.	REMARKS.
		Rs.	
.....	.....	1,487	Tenders invited, but none received.
.....	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwadi House connection as per Town Council Resolution No. 2195 of 1888-89. 3,783 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2545 / 14-3-88 2,400 0 0 *Less*—10 per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5 and the balance proposed to be utilized in works in Frere Road.
10th Mar. 1884...	30th June 1885...	1,05,679	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	90,306	Work completed; accounts being adjusted; contractors have applied for extra allowances.
10th Oct. 1884...	1st Mar. 1889 ...	3,31,158	Work nearly completed.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	1,344	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder proposed to be done by petty contractor.
.....	.....	725	Tenders invited, but none received.
15th Feb. 1889...	15th Aug. 1889...	329	Work in progress.
Nov. 1888....	.....	1,33,880	
16th Feb. 1889...	16th Sept. 1889...	264	
.....	.....	132	
.....	.....	.....	Work entrusted to petty contractor.
.....	.....	.....	Do. do. do. In progress.
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	Work entrusted to petty contractor.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
IV.—ROADS, BUILDINGS, &c.	Rs.			
38. New night-soil depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
39. Enlargement of Dhobies' Lines, Mahalaxmi.	45,652	Loan	16th May 1883...	.....
40. Engineer's chaukis	20,000	Cur. rev.	Budget for 1883-84.	Budget for 1883-84.
41. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882...	28th July 1882...
42. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884...	13th Oct. 1884 ...
43. Vaccination quarters and stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
44. Health Department Stables, F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
45. Purchase of open spaces	12,000	Do. ...	25th Apr. 1888 ...	25th Apr. 1888 ...
46. Raising manholes between Wari Bunder and the Fort Market.	4,619	Loan	9th April 1888 ...	9th April 1888 ...
47. Additional manholes	3,526	Do. ...	Do. ...	Do. ...
48. New Market at Colaba	50,300	Do. ...	26th March 1887.	26th March 1888..
49. Erskine Road Market extension	4,04,122	Do ...	1st Dec. 1887 ...	1st Dec. 1887 ...
50. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road.	23,000	Do. ...	26th March 1888.	26th March 1888..
51. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do. ...	25th April 1888.	25th April 1888...
52. Night-soil depôt near the junction of DeLisle and Carroll Roads.	11,503	Do. ...	Do. ...	Do. ...
53. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do. ...	26th March 1888.	26th March 1888..
54. Road through Nowroji Hill from Elphinstone bridge to Dongri Street.	2,63,875	Do. ...	Do. ...	Do. ...

* From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV, Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of May 1889.	Remarks.
		Rs.	
.....	.....	210	Tender accepted, but work postponed, pending the settlement of site.
.....	.....	2,399	Alteration of road line has now been settled, and work is resumed.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	9,999	Land acquired ; designs are awaiting approval.
.....	.....	.....	
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	
.....	.....	232	Site of market not yet settled.
.....	.....	2,87,494	Work in progress departmentally.
.....	.....	7,463	Work in progress.
.....	.....	.....	Site not obtained.
.....	.....	7,247	Land acquired ; foundation work in progress by petty contractors.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF JUNE 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	3,46,012 1,53,000 4,99,012	Loan ...	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884 ...
2. New mains in various streets.....	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
3. New 18" and 12" main in Frere Road ...	85,000	Loan	Do. ...	Do. ...
4. Filling in Compound, Water Works Stores, and constructing new office and store room and a stove and tank for dipping pipes.	25,000	Cur. rev...	Do. and 14th Nov. 1887	Do. and 14th Nov. 1887
5. Fixing additional Deacon's meters and work in connection therewith.	5,000	Do. ...	26th May 1887 ...	26th May 1888 ...
6. Constructing concrete trench, Waste Weir, Vehar.	35,000	Loan	26th Jan. 1888 ...	26th Jan. 1888 ...
7. Arthur Road 27" main	34,484	Do. ...	11th Jan. 1888 ...	11th Jan. 1888 ...
8. Additions and alterations to Vehar Bungalow.	5,000	Cur. rev...	25th Apr. 1888 ...	25th Apr. 1888 ...
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
10. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
11. New catch-water channels at Vehar ...	10,000	Do. ...	7th April 1888 ...	7th April 1888 ...
12. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888..
13. Other mains in various streets	51,475			
14. Arthur Road Connection Works	13,200	Do. ...	Do. ...	Do ...
15. Deacon's meters	18,000	Do. ...	25th April 1888.	25th April 1888...
16. Additional catch-water channels at Vehar.	3,600	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
17. Extension of catch-water channel at Tulsi.	20,000	Loan	Do. ...	4th Feb. 1889...
18. Concrete trench at Tulsi Waste Weir.	9,000	Cur. rev...	16th Jan. 1889 ...	1st March 1889..
II.—SEWERAGE AND HOUSE CONNECTIONS.				
19. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Loan ...	8th Dec. 1881 ...	.....
20. Automatic flushers at heads of gullies.	5,570	Do. ...	Do. ...	.....
21. Provision for shaft ventilators	45,652	Do. ...	Do. ...	.....

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of June 1889.	Remarks.
		Rs.	
23rd Dec. 1884 ...	31st Dec. 1886 ...	3,85,624	Work completed; additional works completed; final accounts in preparation.
.....	.....	78,732	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,016	Do. do. do.
.....	31st Dec. 1888 ...	22,833	Work completed; except stove and tank for dipping pipes.
May 1887.	May 1889...	1,441	Work in progress departmentally as required.
16th Feb. 1888...	2nd July 1889 ...	18,675	Work completed for first Section : second Section commenced.
2nd Feb. 1888 ...	31st March 1889 .	35,906	Completed ; final accounts under adjustment.
11th Feb. 1889...	30th Apr. 1889 ...	9,352	Work in progress.
3rd Dec.....	Do. ...		Work completed ; rooms occupied.
1st July 1888 ...	30th Apr. 1888 ...	906	Work in progress; contractor causing much inconvenience by delay.
23rd April 1888...	31st Jan. 1889 ...	10,000	Work completed; final accounts under settlement.
19th May 1888 ...	31st May 1889 ...	54,288	Pipe laying completed; and final accounts are to be adjusted.
2nd Feb. 1888...	10th Mar. 1889...	9,100	Work completed ; final accounts under settlement.
Apr. 1888...	Do. ...	16,788	All the meters have been received from England and accounts paid.
14th Jan. 1889 ...	30th Apr. 1889 ...	3,175	Tender accepted and work in progress.
Do. ...	30th June 1889...	11,716	
8th April 1889..	.....	3,105	
.....	.....	82,332	A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned. House sullage water connection in Khetwadi District completed at a cost of Rs. 78,113-8-7.
.....	.....	.....	
.....	.....	83,899	Work completed.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
22. Closing storm-water opening in Frere Road Sewer and providing ventilators.	22,827	Loan	.....	.....
23. Ovoid Sewer, Argyle Road	27,600	Do. ...	16th May 1883....	.....
24. Agripada Pipe Sewers	1,05,953	Loan	Do. ...	2nd Jan. 1884...
25. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
26. Drainage of Fort.....	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
27. Kamathipura privy connections	40,765	Do.	8th Dec. 1881...	.....
28. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road..	6,750	Cur. rev...	1st Mar. 1888...	1st Mar. 1888 ...
29. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Loan	9th Apr. 1888...	9th Apr. 1888...
30. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Do. ...	26th Mar. 1888 ...	26th Mar. 1888...
31. Queen's Road and Girgaum Sewerage and house connection works.	11,14,929	Do. ...	28th July 1887 ...	28th July 1887 ...
III.—SURFACE DRAINAGE.				
32. Extension of Parel Road storm-water drain to Shephard Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888...
33. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do. ...	Do. ...	Do. ...
34. Masonry galleries for storm-water at junction of Kavasji Patel Tank Street and Kika Street.	446	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
35. Five large masonry gullies for storm-water in Kamathipura.	3,064	Do. ...	Do. ...	Do. ...
36. Fifty masonry gullies between Wari Bandar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th Apr. 1888...
37. Water tables to Kamathipura 2nd	1,133	Cur. rev...	.....	.....

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of June 1889.	REMARKS.
		Rs.	
.....	.....	1,487	Tenders invited, but none received.
.....	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwady house connection as per Town Council Resolution No. 2195 of 1888-89. 3,783 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2545/14-3-88. 2,400 0 0 Ten per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5 Expended and the balance proposed to be utilized in works in Frere Road.
20th Mar. 1884...	30th June 1885...	1,05,679	Work completed; final accounts not settled, being disputed by contractors.
Do ...	16th June 1885...	90,306	Work completed; accounts being adjusted; contractors have applied for extra allowances.
20th Oct. 1884 ...	1st Mar. 1889 ...	3,31,158	Work nearly completed.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	1,848	Surface ventilators made departmentally along Marine Lines and Mayo Road; remainder proposed to be done by petty contractor.
.....	.....	725	Tenders invited, but none received.
15th Feb. 1889...	15th Aug. 1889 ..	5,808	
Nov. 1888 ...	.....	1,35,553	Work in progress.
16th Feb. 1889 ...	16th Sept. 1889...	12,088	
.....	.....	182	
.....	.....	.....	Work entrusted to petty contractor.
.....	.....	.....	Do. do do in progress.
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	Work entrusted to petty contractor.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
IV.—ROADS, BUILDINGS, &c.				
38. New Night-soil Depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888..	25th Apr. 1888 ...
39. Enlargement of Dhobis' Lines, Mahalakshmi.	45,652	Loan.....	16th May 1883 ...	.....
40. Engineers' Chowkies	20,000	Cur. rev.	Budget for 1883-84.	Budget for 1883-84.
41. Ward Offices, Assessment Department.	25,000	Do.	28th July 1882...	28th July 1882 ...
42. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884 ...	13th Oct. 1884 ...
43. Vaccination Quarters and Stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
44. Health Department Stables in F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
45. Purchase of open spaces.....	12,000	Do. ...	25th April 1888...	25th April 1888 ..
46. Raising manholes between Wari Bandar and the Fort Market.	4,619	Loan ...	9th April 1888 ...	9th April 1888 ...
47. Additional Manholes	3,526	Do. ...	Do. ...	Do. ...
48. New Market at Colaba	50,300	Do. ...	26th March 1888.	26th March 1888.
49. Extension of the Mutton Markets, &c. Crawford Markets.	49,942	Do. ...	Do. ...	Do. ...
50. Erskine Road Market extension.....	4,04,122	Do. ...	1st Dec. 1887 ...	1st Dec. 1887 ...
51. Cross Road at Mahalakshmi Station from Clerk Road to Haines Road.	23,000	Do. ...	26th March 1888.	26th March 1888.
52. Purchase of land for chawls for the bigaries who clean the Arthur Crawford Markets and building the Chawls.	22,700	Do. ...	25th April 1888...	25th April 1888.
53. Night-soil Depot near the junction of DeLisle and Carroll Roads.	11,503	Do. ...	Do. ...	Do. ...
54. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do. ...	26th March 1888.	26th March 1888.
55. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do. ...	Do. ...	Do. ...

* From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of June 1889.	REMARKS.
		Rs.	
.....	.....	210	Tender accepted, but work postponed, pending the settlement of site.
.....	.....	2,399	Work in progress.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	9,999	Land acquired; designs are awaiting approval.
.....	.....	.....	
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	
.....	.....	232	Site of market not yet settled.
.....	.....	.....	
.....	.....	2,87,252	Work in progress departmentally.
.....	.....	7,463	Work in progress.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	7,247	Land acquired; foundation work in progress by petty contractors.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF JULY 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	3,46,012 1,53,000 4,99,012	Loan ...	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884 ...
2. New mains in various streets.....	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
3. New 18" and 12" main in Frere Road ...	85,000	Loan	Do. ...	Do. ...
4. Filling in Compound, Water Works Stores, and constructing new office and store room and a stove and tank for dipping pipes.	25,000	Cur. rev...	Do. and 14th Nov. 1887	Do. and 14th Nov. 1887
5. Fixing additional Deacon's meters and work in connection therewith.	5,000	Do. ...	26th May 1887 ...	26th May 1888 ...
6. Constructing concrete trench, Waste Weir, Vehar.	35,000	Loan	26th Jan. 1888 ...	26th Jan. 1888 ...
7. Arthur Road 27" main	34,484	Do. ...	11th Jan. 1888 ...	11th Jan. 1888 ...
8. Additions and alterations to Vehar Bungalow.	5,000	Cur. rev...	25th Apr. 1888 ...	25th Apr. 1888 ...
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
10. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
11. New catch-water channels at Vehar ...	10,000	Do. ...	7th April 1888 ...	7th April 1888 ...
12. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888..
13. Other mains in various streets	51,475			
14. Arthur Road Connection Works	13,200	Do. ...	Do. ...	Do. ...
15. Deacon's meters	18,000	Do. ...	25th April 1888.	25th April 1888...
16. Additional catch-water channels at Vehar.	3,600	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
17. Extension of catch-water channel at Tulsi.	20,000	Loan	Do. ...	4th Feb. 1889...
18. Concrete trench at Tulsi Waste Weir.	9,000	Cur. rev...	16th Jan. 1889 ...	1st March 1889..
II.—SEWERAGE AND HOUSE CONNECTIONS.				
19. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Loan ...	8th Dec. 1881 ...	.....
20. Automatic flushers at heads of gullies.	5,570	Do. ...	Do. ...	.....
21. Provision for shaft ventilators	45,652	Do. ...	Do. ...	.....

o

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of July 1889.	Remarks.
		Rs.	
23rd Dec. 1884 ...	31st Dec. 1886 ...	3,85,624	Work completed; additional works completed; final accounts in preparation.
.....	.....	78,794	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,016	Do. do. do.
.....	31st Dec. 1888 ...	22,833	Work completed; except stove and tank for dipping pipes.
May 1887.	May 1889...	1,590	Work in progress departmentally as required.
16th Feb. 1888...	2nd July 1889 ...	25,416	Work completed for first Section; second Section commenced.
2nd Feb. 1888 ...	31st March 1889 .	36,086	Completed; final accounts under adjustment.
11th Feb. 1889...	30th Apr. 1889 ...	8,282	Work in progress.
3rd Dec.....	Do. ...		Work completed; rooms occupied.
1st July 1888 ...	30th Apr. 1888 ...	906	Work in progress; contractor causing much inconvenience by delay.
23rd April 1888...	31st Jan. 1889 ...	10,000	Work completed; final accounts under settlement.
19th May 1888 ...	31st May 1889 ...	58,553	Pipe laying completed and final accounts are to be adjusted.
2nd Feb. 1888...	10th Mar. 1889...	9,100	Work completed; final accounts under settlement.
Apr. 1888...	Do. ...	16,788	All the meters have been received from England and accounts paid.
14th Jan. 1889 ...	30th Apr. 1889 ...	3,196	Tender accepted and work in progress.
Do. ...	30th June 1889...	11,828	
8th April 1889..	.....	3,105	
.....	.....	82,832	A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned. House sullage water connection in Khetwadi District completed at a cost of Rs. 78,113-8-7.
.....	.....	.....	
.....	.....	33,899	Work completed.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
22. Closing storm-water opening in Frere Road Sewer and providing ventilators.	22,827	Loan	.....	.....
23. Ovoid Sewer, Argyle Road	27,600	Do. ...	16th May 1883....	.....
24. Agripada Pipe Sewers	1,05,353	Loan	Do. ...	2nd Jan. 1884...
25. Ovoid sewer rom Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
26. Drainage of Fort.....	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
27. Kamathipura privy connections	40,765	Do.	8th Dec. 1881...	.....
28. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev...	1st Mar. 1888...	1st Mar. 1888 ...
29. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Loan	9th Apr. 1888...	9th Apr. 1888...
30. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Do. ...	26th Mar. 1888 ...	26th Mar. 1888...
31. Queen's Road and Girgaum Sewerage and house connection works.	11,14,929	Do. ...	28th July 1887 ...	28th July 1887 ...
III.—SURFACE DRAINAGE.				
32. Extension of Parel Road storm-water drain to Shephard Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888...
33. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do. ...	Do. ...	Do. ...
34. Masonry gullies for storm-water at junction of Kavasji Patel Tank Street and Kika Street.	446	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
35. Five large masonry gullies for storm-water in Kamathipura.	3,064	Do. ...	Do. ...	Do. ...
36. Fifty masonry gullies between Wari Bandar and the Fort Market.	14,778	Loan	9th Apr. 1888...	9th Apr. 1888...
37. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of July 1889.	REMARKS.
		Rs.	
.....	.....	1,486	Tenders invited, but none received.
.....	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwadi House connection as per Town Council Resolution No. 2195 of 1888-89. 3,783 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2645/14-3-88 2,400 0 0 *Less*—10 per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5 Expended and the balance proposed to be utilized in works in Frere Road.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	87,862	Work completed; accounts being adjusted; contractors have applied for extra allowances.
20th Oct. 1884...	1st Mar. 1889 ...	3,29,672	Work nearly completed.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	2,050	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder proposed to be done by petty contractor.
.....	.....	725	Tenders invited, but none received.
15th Feb. 1889...	15th Aug. 1889...	10,498	Work in progress.
Nov. 1888....	1st Feb. 1889 ...	1,78,426	
16th Feb. 1889...	16th Sept. 1889...	14,259	
Do. ...	Do. ...		
.....	.....	.....	Work entrusted to petty contractor.
.....	.....	318	Do. do. do. In progress.
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	Work entrusted to petty contractor.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
IV.—ROADS, BUILDINGS, &c.	Rs.			
38. New night-soil depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
39. Enlargement of Dhobies' Lines, Mahaluxmi.	45,652	Loan	16th May 1883...	.....
40. Engineer's chaukis	20,000	Cur. rev.	Budget for 1883-84.	Budget for 1883-84.
41. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882...	28th July 1882...
42. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884...	13th Oct. 1884 ...
43. Vaccination quarters and stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
44. Health Department Stables, F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
45. Purchase of open spaces	12,000	Do. ...	25th Apr. 1888 ...	25th Apr. 1888 ...
46. Raising manholes between Wari Bunder and the Fort Market.	4,619	Loan	9th April 1888 ...	9th April 1888 ...
47. Additional manholes	3,526	Do. ...	Do. ...	Do. ...
48. New Market at Colaba	50,300	Do. ...	26th March 1888.	26th March 1888..
49. Extension of the Mutton Markets, &c., Craford Market.	49,942	Do. ...	Do. ...	Do. ...
50. Erskine Road Market extension	4,04,122	Do ...	1st Dec. 1887 ...	1st Dec. 1887 ...
51. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road.	23,000	Do. ...	26th March 1888.	26th March 1888..
52. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do. ...	25th April 1888.	25th April 1888...
53. Night-soil depôt near the junction of DeLisle and Carroll Roads.	13,750	Do. ...	Do. ...	Do. ...
54. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do. ...	26th March 1888.	26th March 1888..
55. Road through Nowroji Hill from Elphinstone bridge to Dongri Street.	2,63,875	Do. ...	Do. ...	Do. ...

* From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of July 1889.	Remarks.
		Rs.	
.....	.....	210	Tender accepted, but work postponed, pending the settlement of site.
.....	.....	2,399	Work in progress.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	10,009	Land acquired ; designs are awaiting approval.
.....	.....	.....	
.....	.....	.....	Tenders invited, but none received.
.....	.....	.....	
.....	.....	.....	Site of market not yet settled.
.....	.....	232	
.....	.....	2,87,258	Work in progress departmentally.
15th Feb. 1889...	15th July 1889 ...	7,463	Work in progress.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	7,247	Land acquired ; foundation work in progress by petty contractors.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF AUGUST 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	3,46,012 1,53,000 4,99,012	Loan ...	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884 ...
2. New mains in various streets.....	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
3. New 18" and 12" main in Frere Road ...	85,000	Loan	Do. ...	Do. ...
4. Filling in Compound, Water Works Stores, and constructing new office and store room and a stove and tank for dipping pipes.	25,000	Cur. rev...	Do. and 14th Nov. 1887	Do. and 14th Nov. 1887
5. Fixing additional Deacon's meters and work in connection therewith.	5,000	Do. ...	26th May 1887 ...	26th May 1888 ...
6. Constructing concrete trench, Waste Weir, Vehar.	35,000	Loan	26th Jan. 1888 ...	26th Jan. 1888 ...
7. Arthur Road 27" main	34,541	Do. ...	11th Jan. 1888 ...	11th Jan. 1888 ...
8. Additions and alterations to Vehar Bungalow.	5,000	Cur. rev...	25th Apr. 1888 ...	25th Apr. 1888 ...
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
10. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
11. New catch-water channels at Vehar ...	10,000	Do. ...	7th April 1888 ...	7th April 1888 ...
12. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888..
13. Other mains in various streets	51,475			
14. Arthur Road Connection Works	13,200	Do. ...	Do. ...	Do. ...
15. Deacon's meters	18,000	Do. ...	25th April 1888.	25th April 1888...
16. Additional catch-water channels at Vehar.	3,000	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
17. Extension of catch-water channel at Tulsi.	20,000	Loan	Do. ...	4th Feb. 1889...
18. Concrete trench at Tulsi Waste Weir.	9,000	Cur. rev...	16th Jan. 1889 ...	1st March 1889..
II.—SEWERAGE AND HOUSE CONNECTIONS.				
19. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Loan ...	8th Dec. 1881 ...	.....
20. Automatic flushers at heads of gullies.	5,570	Do. ...	Do. ...	.....
21. Provision for shaft ventilators	45,652	Do. ...	Do. ...	.....

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Aug. 1889.	Remarks.
		Rs.	
23rd Dec. 1884 ...	31st Dec. 1886 ...	3,85,624	Work completed; additional works completed; final accounts in preparation.
.....	.....	78,866	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,031	Do. do. do.
.....	31st Dec. 1888 ...	22,838	Work completed; except stove and tank for dipping pipes.
May 1887.	May 1889...	1,590	Work in progress departmentally as required.
16th Feb. 1888...	2nd July 1889 ...	25,486	Work completed for first Section; second Section commenced.
2nd Feb. 1888 ...	31st March 1889 .	88,489	Completed; final accounts under settlement; sanction for the excess applied for.
11th Feb. 1889..	30th Apr. 1889 ...	8,282	Work in progress.
3rd Dec.....	Do. ...		Work completed; rooms occupied.
1st July 1888 ...	30th Apr. 1888 ...	906	Work in progress; contractor causing much inconvenience by delay.
23rd April 1888...	31st Jan. 1889 ...	10,000	Work completed; final accounts under settlement.
19th May 1888 ...	31st May 1889 ...	58,884	Pipe laying completed and final accounts are to be adjusted.
2nd Feb. 1888...	10th Mar. 1889...	9,100	Work completed; final accounts under settlement.
Apr.	Do. ...	16,788	All the meters have been received from England and accounts paid.
14th Jan. 1889 ...	30th Apr. 1889 ...	8,196	Tender accepted and work in progress.
Do. ...	30th June 1889...	18,321	
8th April 1889..	.....	4,094	
.....	.....	41,382	A contract for supply of iron materials at a cost of Rs. 1,55,858 was sanctioned.
.....	.....	.....	
.....	.....	41,865	Work completed. House sullage water connection in Khetwadi District completed at a cost of Rs. 78,113-8-7.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
22. Closing storm-water opening in Frere Road Sewer and providing ventilators.	22,827	Loan	.....	.....
23. Ovoid Sewer, Argyle Road	27,600	Do. ...	16th May 1883....	.....
24. Agripada Pipe Sewers	1,05,953	Loan	Do. ...	2nd Jan. 1884...
25. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
26. Drainage of Fort.....	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
27. Kamathipura privy connections	40,765	Do.	8th Dec. 1881...	.....
28. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev...	1st Mar. 1888...	1st Mar. 1888 ...
29. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Loan	9th Apr. 1888...	9th Apr. 1888...
30. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Do. ...	26th Mar. 1888 ...	26th Mar. 1888...
31. Queen's Road and Girgaum Sewerage and house connection works.	11,14,929	Do. ...	28th July 1887 ...	28th July 1887 ...
32. Altering connection of main drain with main sewer at Bellasis Bridge.	1,100	Cur. rev...	.....	.....
33. Covering the water supply tanks of the new latrines at the Arthur Crawford Market and in Kharsetji Suklaji Street.	220	Do. ...	.....	.....
34. New latrines and urinals	14,220	Do. ...	.....	.....
III.—SURFACE DRAINAGE.				
35. Extension of Parel Road storm-water drain to Shephard Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888...
36. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do. ...	Do. ...	Do. ...

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Aug. 1889.	REMARKS.
		Rs.	
.....	.....	1,486	Tenders invited, but none received.
.....	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwadi House connection as per Town Council Resolution No. 2195 of 1888-89. 3,788 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2545 / 14-3-88 2,400 0 0 *Less*—10 per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5 Expended and the balance proposed to be utilized in works in Frere Road.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	87,862	Work completed; accounts being adjusted; contractors have applied for extra allowances.
20th Oct. 1884...	1st Mar. 1889 ...	8,30,329	Work nearly completed.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	2,272	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder entrusted to petty contractor.
.....	.....	725	Tender received.
15th Feb. 1889...	15th Aug. 1889...	10,662	Work in progress.
Nov. 1888....	1st Feb. 1889 ...	1,76,858	
.....	.....	.....	To be done departmentally.
.....	.....	.....	To be done by the Municipal Workshops.
.....	.....	.....	
16th Feb. 1889...	16th Sept. 1889...	23,682	Work in progress.
Do. ...	Do. ...		

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
37. Masonry gullies for storm-water at junction of Kavasji Patel Tank Street and Kika Street.	446	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
38. Five large masonry gullies for storm-water in Kamathipura.	3,064	Do. ...	Do. ...	Do. ...
39. Fifty masonry gullies between Wari Bandar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th Apr. 1888...
40. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....
41. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain.	6,230	Do. ...	.....	.....
42. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple.	7,752	Do. ...	.....	.....
43. Storm water drain in Hornby Road from Salvation Hall to Bazar Gate Street.	9,501	Do. ...	.....	.....
44. Storm water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain.	5,835	Do. ...	.....	.....
45. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge.	2,245	Do. ...	.....	.....
IV.—ROADS, BUILDINGS, &c.				
46. New night-soil depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
47. Enlargement of Dhobies' Lines, Mahaluxmi.	45,652	Loan	16th May 1883...	.....
48. Engineer's chaukis	20,000	Cur. rev.	Budget for 1883-84.	Budget for 1883-84.
49. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882...	28th July 1882...
50. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884...	13th Oct. 1884 ...
51. Vaccination quarters and stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
52. Health Department Stables, F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
53. Purchase of open spaces	12,000	Do. ...	25th Apr. 1888 ...	25th Apr. 1888 ...
54. Raising manholes between Wari Bunder and the Fort Market.	4,619	Loan	9th April 1888 ...	9th April 1888 ...
55. Additional manholes	3,526	Do. ...	Do. ...	Do. ...

*From this, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Aug. 1889.	REMARKS.
		Rs.	
.....	.....	.....	Work entrusted to petty contractor.
.....	.....	318	Do. do. do. In progress.
.....	.....	.....	Tender received.
.....	.....	.....	Work entrusted to petty contractor.
.....	.....	.....	Contract is being prepared.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	Entrusted to the petty works contractors.
.....	.....	210	Tender accepted, but work postponed, pending the settlement of site.
1st May 1889 ...	31st March 1890.	2,399	Work in progress.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	10,009	Land acquired; designs are awaiting approval.
.....	.....	.....	
.....	.....	.....	Tender received.
.....	.....	.....	

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
56. New Market at Colaba	50,300	Loan ...	26th March 1888.	26th March 1888..
57. Extension of the Mutton Markets, &c., Crawford Market.	49,942	Do. ...	Do. ...	Do. ...
58. Erskine Road Market extension	4,04,122	Do ...	1st Dec. 1887 ...	1st Dec. 1887 ...
59. Cross Road at Mahaluxmi Station from Clerke Road to Haines Road.	23,000	Do. ...	26th March 1888.	26th March 1888..
60. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do. ...	25th April 1888.	25th April 1888...
61. Night-soil depôt near the junction of DeLisle and Carroll Roads.	13,750	Do. ...	Do. ...	Do. ...
62. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do. ...	26th March 1888.	26th March 1888..
63. Road through Nowroji Hill from Elphinstone bridge to Dongri Street.	2,63,875	Do. ...	Do. ...	Do. ...
64. Filling in and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir.	4,888	Cur. rev.	.....	.....
65. Retaining wall extension, Walkeshwar Road.	4,150	Do. ...	.....	.....
66. Metalling with tarred road metal the Health Department Stable at Paltan Road.	8,280	Do. ...	.....	.....
67. Additional storey over porch of Bangalow at the Bandra Slaughterhouses.	1,824	Do. ...	.....	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Aug. 1889.	REMARKS.
		Rs.	
.....	.....	.....	Site of market not yet settled.
.....	.....	232	
.....	.....	2,87,336	Work in progress departmentally.
15th Feb. 1889.	15th July 1889.	7,463	Work in progress.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	7,247	Land acquired; foundation work in progress by petty contractors.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	.....	Contract is being prepared.
.....	.....	.....	To be done departmentally.
.....	.....	.....	Entrusted to the petty works contractors.
.....	.....	.....	Do. do. do.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF SEPTEMBER 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
WORKS COMPLETED.				
1. Malabar Hill Reservoir roofing, alternative delivery arrangements and embankment.	3,43,012 1,56,000 4,99,012	Loan ...	8th Dec. 1881 & 16th Dec. 1884.	16th Dec. 1884 ...
2. New mains in various streets.....	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
3. New 18″ and 12″ mains in Frere Road...	85,000	Loan	Do. ...	Do. ...
4. Deacon's meters	18,000	Do.	25th April 1888.	25th April 1888...
5. Arthur Road 27″ main	34,541	Do.	11th Jan. 1888 ...	11th Jan. 1888 ...
6. Arthur Road Connection Works	13,200	Do.	15th March 1888.	15th March 1888.
7. New catch-water channels at Vehar ...	10,000	Cur. rev...	7th April 1888 ...	7th April 1888 ...
8. Additions and alterations to Vehar Bungalow.	5,000	Do. ...	25th Apr. 1888 ...	25th Apr. 1888 ...
9. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
10. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888..
11. Other mains in various streets	51,475			
12. Constructing concrete trench, Waste Weir, Vehar.	35,000	Do. ...	26th Jan. 1888 ...	26th Jan. 1888 ...
13. Additional catch-water channels at Vehar.	3,600	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
WORKS IN PROGRESS.				
14. Fixing additional Deacon's meters and works in connection therewith.	5,000	Cur. rev...	26th May 1887 ...	26th May 1887 ...
15. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
16. Concrete trench at Tulsi Waste Weir.	9,000	Do. ...	16th Jan. 1889 ...	Do. 1889...
17. Extension of catch-water channel at Tulsi.	20,000	Loan	7th Jan. 1889 ...	4th Feb. 1889...
WORKS TO BE COMMENCED.				
18. Filling in compound, Water Works Stores, and constructing new offices and store-room and a stove and tank for dipping pipes.	25,000	Cur. rev...	26th May and 14th Nov. 1887.	26th May and 14th Nov. 1887.
19. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto.	97,930	Loan	8th July 1889 ...	8th July 1889 ...

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Sept. 1889.	Remarks.
		Rs.	
23rd Dec. 1884 ...	31st Dec. 1886 ...	3,85,624	Work completed; additional works completed; final accounts in preparation.
.....	.....	78,866	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,031	Do. do. do.
April 1888.	10th March 1889.	16,788	All the meters have been received from England and accounts paid.
2nd Feb. 1888 ...	31st March 1889 .	88,930	Completed; final accounts under settlement; sanction for the excess applied for.
Do. ...	10th March 1889.	9,100	Work completed; final accounts under settlement.
23rd April 1888...	31st Jan. 1889 ...	10,000	Do. do. do.
11th Feb. 1889...	30th Apr. 1889 ...	10,011	Do. do. do.
3rd Dec. 1888 ...	Do. ...		
19th May 1888 ...	31st May 1889 ...	58,957	Pipe laying completed and final accounts are to be adjusted.
16th Feb. 1888...	2nd July 1889 ...	25,486	Works completed for first and second sections. Final bills to be submitted.
14th Jan. 1889 ...	30th Apr. 1889 ...	3,196	Work completed; final bill to be submitted.
May 1887 ...	May 1890 ..	1,590	Work in progress departmentally as occasion requires.
1st July 1888 ...	30th Nov. 1889...	906	Work in progress; contractor causing much inconvenience by delay.
8th April 1889..	Do. ...	4,094	Work nearly completed.
14th Jan. 1889 ...	31st Jan. 1890 ...	13,415	Work in progress.
.....	31st Dec. 1888 ..	22,833	Work completed, except stove and tank for dipping pipes.
.....	.....	.....	

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
II.—SEWERAGE AND HOUSE CONNECTIONS.				
WORKS COMPLETED.				
20. Provision for shaft ventilators	45,652	Loan	8th Dec. 1881 ...	.....
21. Agripada pipe sewers	1,05,953	Do.	16th May 1883 ...	2nd Jan. 1884...
22. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
WORKS IN PROGRESS.				
23. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Do.	8th Dec. 1881 ...	.....
24. Automatic flushers at heads of gullies.	5,570	Do.	Do. ...	.....
25. Drainage of Fort.....	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
26. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev...	1st Mar. 1888...	1st Mar. 1888 ...
27. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Loan	26th Mar. 1888 ...	26th Mar. 1888...
28. Queen's Road and Girgaum sewerage and house connection works.	11,14,929	Do.	28th July 1887 ...	28th July 1887 ...
WORKS TO BE COMMENCED.				
29. Ovoid Sewer, Argyll Road	27,600	Loan	16th May 1883....	.....
30. Kamathipura privy connections	40,765	Do.	8th Dec. 1881...	.....
31. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Do.	9th Apr. 1886...	9th Apr. 1888...
32. Altering connection of main drain with main sewer at Bellasis Bridge.	1,100	Cur. rev...	.....	.....
33. Covering the water-supply tanks of the new latrines at the Arthur Crawford Market and in Kharsetji Suklaji Street.	220	Do. ...	.....	.....
34. New latrines and urinals	14,220 24,379 38,599	Do. ...	.....	.....

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Sept. 1889.	REMARKS.
		Rs.	
.....	.....	41,769	Work completed.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	87,862	Works completed; accounts being adjusted; contractors have applied for extra allowances.
.....	.....	81,553	A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned.
.....	.....	.....	
20th Oct. 1884...	1st Mar. 1889 ...	3,31,393	Work nearly completed.
.....	.....	2,302	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder entrusted to petty contractor.
15th Feb. 1889...	15th Aug. 1889...	12,832	Work in progress.
Nov. 1888....	1st Feb. 1889 ...	1,92,863	
.....	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwadi house connection as per Town Council Resolution No. 2195 of 1888-89. 3,783 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2545 of 14th March 1888. 2,400 0 0 *Less*—10 per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5 Expended and the balance proposed to be utilized in works in Frere Road.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	725	Tender received.
.....	.....	.....	To be done departmentally.
.....	.....	.....	To be done by the Municipal Workshops.
.....	.....	1,179	

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
III.—SURFACE DRAINAGE.				
WORKS COMPLETED.				
35. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....
WORKS IN PROGRESS.				
36. Extension of Parel Road storm-water drain to Shephard Road.	83,749	Loan	26th Mar. 1888.	26th Mar. 1888...
37. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do.	Do. ...	Do. ...
38. Five large masonry gullies for storm-water in Kamathipura.	3,064	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
WORKS TO BE COMMENCED.				
39. Masonry gullies for storm-water at junction of Kavasji Patel Tank Street and Kika Street.	446	Do. ...	Do. ...	Do. ...
40. Fifty masonry gullies between Wari Bandar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th Apr. 1888...
41. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain.	6,230	Cur. rev...	.....	.....
42. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple.	7,752	Do. ...	.....	.....
43. Storm-water drain in Hornby Road from Salvation Hall to Bazaar Gate Street.	9,501	Do. ...	.....	.....
44. Storm-water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain.	5,835	Do. ...	.....	.....
45. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge.	2,245	Do. ...	.....	.....
IV.—ROADS, BUILDINGS, &c.				
WORKS IN PROGRESS.				
46. Enlargement of Dhobies' Lines, Mahalaxmi.	45,652	Loan	16th May 1883...	4th Feb. 1884...
47. Purchase of open spaces	12,000	Cur. rev...	25th Apr. 1888 ...	25th Apr. 1888 ...
48. Erskine Road Market extension	4,04,122	Loan	1st Dec. 1887 and 8th Mar. 1888.	1st Dec. 1887 and 8th Mar. 1888.
49. Extension of the Mutton Markets, &c., Crawford Market.	49,942	Do.	26th March 1888.	26th March 1888.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Sept. 1889.	REMARKS.
		Rs.	
.....	.....	.....	Work completed.
16th Feb. 1889...	16th Sept. 1889...	23,903	Work in progress.
Do. ...	Do. ...		
.....	.....	348	Work entrusted to petty contractor. In progress.
.....	.....	.....	Do. do. do.
.....	.....	.....	Tender received.
.....	.....	.....	Contract is being prepared.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	Entrusted to the petty works contractors.
1st May 1889 ...	31st March 1890.	8,804	Work in progress.
.....	.....	.....	
.....	.....	2,87,848	Work in progress departmentally.
.....	.....	282	

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
50. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road.	28,000	Loan	26th March 1888	26th March 1888.
51. Night-soil depôt near the junction of DeLisle and Carrol Roads.	13,750	Do.	25th April 1888.	25th April 1888...
52. Metalling with tarred road metal the Health Department Stable at Paltan Road.	8,280	Cur. rev.	16th Jan. 1889 ...	16th Jan. 1889 ...
53. Additional storey over porch of bungalow at the Bandra Slaughter-houses.	1,824	Do. ...	Do. ...	Do. ...
WORKS TO BE COMMENCED.				
54. New night-soil depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
55. Engineer's chaukis	20,000	Do. ...	Budget for 1883-84.	Budget for 1883-84.
56. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882...	28th July 1882...
57. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884...	13th Oct. 1884 ...
58. Vaccination quarters and stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
59. Health Department Stables, F & G Wards.	* 23,992	Do. ...	Do. ...	Do. ...
60. Raising manholes between Wari Bunder and the Fort Market.	4,619	Loan	9th April 1888 ...	9th April 1888 ...
61. Additional manholes	3,526	Do.	Do. ...	Do. ...
62. New Market at Colaba	50,300	Do.	26th March 1888.	26th March 1888..
63. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do.	25th April 1888..	25th April 1888..
64. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do.	26th March 1888.	26th March 1888..
65. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do.	Do. ...	Do. ...
66. Filling in and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir.	4,888	Cur. rev.	16th Jan. 1889 ...	16th Jan. 1889 ...
67. Retaining wall extension, Walkeshwar Road.	4,150	Do. ...	Do. ...	Do. ...

* From this sum, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV, Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Sept. 1889.	Remarks.
		Rs.	
15th Feb. 1889....	15th July 1889 ...	7,756	Work in progress.
.....	.....	7,247	Land acquired; foundation work in progress by petty contractors.
.....	.....	.....	Entrusted to the petty works contractors. Work in progress.
.....	.....	.....	Do. do. do.
.....	.....	210	Site to be settled.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	10,009	Land acquired; designs are awaiting approval.
.....	.....	.....	Tender received.
.....	.....	.....	
.....	.....	.....	Site of market not yet settled.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	.....	Contract is being prepared.
.....	.....	.....	To be done departmentally.

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF OCTOBER 1889.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
I.—WATER-WORKS.	Rs.			
WORKS COMPLETED.				
1. New mains in various streets.....	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
2. New 18" and 12" mains in Frere Road...	85,000	Loan	Do. ...	Do. ...
3. Arthur Road 27" main	34,541	Do.	11th Jan. 1888 ...	11th Jan. 1888 ...
4. Arthur Road Connection Works	13,200	Do.	15th March 1888.	15th March 1888.
5. New catch-water channels at Vehar ...	10,000	Cur. rev...	7th April 1888 ...	7th April 1888 ...
6. Additions and alterations to Vehar Bungalow.	5,000	Do. ...	25th Apr. 1888 ...	25th Apr. 1888 ...
7. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
8. Mains in 14 streets west of Frere Road.	17,325	Loan ...	15th March 1888.	15th March 1888.
9. Other mains in various streets	51,475			
10. Constructing concrete trench, Waste Weir, Vehar.	35,000	Do. ...	26th Jan. 1888 ...	26th Jan. 1888 ...
11. Additional catch-water channels at Vehar.	3,600	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
WORKS IN PROGRESS.				
12. Fixing additional Deacon's meters and works in connection therewith.	5,000	Cur. rev...	26th May 1887 ...	26th May 1887 ...
13. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
14. Concrete trench at Tulsi Waste Weir.	9,000	Do. ...	16th Jan. 1889 ...	Do. 1889...
15. Extension of catch-water channel at Tulsi.	20,000	Loan	7th Jan. 1889 ...	4th Feb. 1889...
WORKS TO BE COMMENCED.				
16. Filling in compound, Water Works Stores, and constructing new offices and store-room and a stove and tank for dipping pipes.	25,000	Cur. rev...	26th May and 14th Nov. 1887.	26th May and 14th Nov. 1887.
17. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto.	97,930	Loan	8th July 1889 ...	8th July 1889 ...

APPENDICES TO RECORD.

NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Oct. 1889.	Remarks.
		Rs.	
.....	.....	78,866	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,031	Do. do. do.
2nd Feb. 1888 ...	31st March 1889 .	89,025	Completed; final accounts under settlement.
Do. ...	10th March 1889.	9,100	Work completed; final accounts under settlement.
23rd April 1888...	31st Jan. 1889 ...	10,000	Do. do. do.
11th Feb. 1889...	30th Apr. 1889 ...	10,017	Do. do. do.
3rd Dec. 1888 ...	Do. ...		
19th May 1888 ...	31st May 1889 ...	58,957	Pipe laying completed and final accounts are to be adjusted.
16th Feb. 1888...	2nd July 1889 ...	25,486	Works completed for first and second sections. Final bills to be submitted.
14th Jan. 1889 ...	30th Apr. 1889 ...	8,196	Work completed; final bill to be submitted.
May 1887 ...	May 1890 ...	1,590	Work in progress departmentally as occasion requires.
1st July 1888 ...	30th Nov. 1889...	906	Work in progress; contractor causing much inconvenience by delay.
8th April 1889 ...	Do. ...	4,094	Work nearly completed.
14th Jan. 1889 ...	31st Jan. 1890 ...	13,415	Work in progress.
.....	31st Dec. 1888 ...	22,838	Work completed, except stove and tank for dipping pipes.
.....	.....	.....	

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
II.—SEWERAGE AND HOUSE CONNECTIONS.				
WORKS COMPLETED.				
18. Provision for shaft ventilators	45,652	Loan	8th Dec. 1881 ...	.....
19. Agripada pipe sewers	1,05,953	Do.	16th May 1883 ...	2nd Jan. 1884...
20. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
WORKS IN PROGRESS.				
21. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Do.	8th Dec. 1881 ...	.....
22. Automatic flushers at heads of gullies.	5,570	Do.	Do. ...	.....
23. Drainage of Fort.....	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
24. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev...	1st Mar. 1888...	1st Mar. 1888 ...
25. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Loan	26th Mar. 1888 ...	26th Mar. 1888...
26. Queen's Road and Girgaum sewerage and house connection works.	11,14,929	Do.	28th July 1887 ...	28th July 1887 ...
WORKS TO BE COMMENCED.				
27. Ovoid Sewer, Argyll Road	27,600	Loan	16th May 1883...	.....
28. Kamathipura privy connections	40,765	Do.	8th Dec. 1881...	.....
29. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Do.	9th Apr. 1886...	9th Apr. 1888...
30. Altering connection of main drain with main sewer at Bellasis Bridge.	1,100	Cur. rev...	.....	.....
31. Covering the water-supply tanks of the new latrines at the Arthur Crawford Market and in Kharsetji Suklaji Street.	220	Do. ...	.....	.....
32. New latrines and urinals	14,220 24,379 38,599	Do. ...	.....	.....
33. House connections in Agripada District.	2,48,642	Loan	8th Oct. 1888 ...	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Oct. 1889.	REMARKS.
		Rs.	
.....	.....	41,769	Work completed.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	87,862	Works completed; accounts being adjusted; contractors have applied for extra allowances.
.....	.....	81,860	A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned.
.....	.....	.....	
20th Oct. 1884...	1st Mar. 1889 ...	3,32,013	Work nearly completed.
.....	.....	2,332	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder entrusted to petty contractor.
15th Feb. 1889...	15th Aug. 1889...	12,882	Work in progress.
Nov. 1888....	1st Feb. 1889 ...	2,13,918	
	.....	.....	Rs. a. p. 19,046 14 4 Transferred to Khetwadi house connection as per Town Council Resolution No. 2195 of 1888-89. 3,783 15 1 Transferred to Agripada pipe sewer as per Town Council Resolution No. 2545 of 14th March 1888. 2,400 0 0 *Less*—10 per cent. Establishment charges credited to Loan Works Establishment Fund. 25,230 13 5 Expended and the balance proposed to be utilized in works in Frere Road.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	725	Tender received and accepted.
.....	.....	.....	To be done departmentally.
.....	.....	.....	To be done by the Municipal Workshops.
.....	.....	1,179	Portion of the work entrusted to petty works contractor.
.....	.....	.....	Contract being prepared.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
III.—SURFACE DRAINAGE.				
WORKS COMPLETED.				
34. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....
WORKS IN PROGRESS.				
35. Extension of Parel Road storm-water drain to Shephard Road.	38,749	Loan	26th Mar. 1888.	26th Mar. 1888...
36. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do.	Do. ...	Do. ...
37. Five large masonry gullies for storm-water in Kamathipura.	3,064	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
38. Masonry gullies for storm-water at junction of Kavasji Patel Tank Street and Kika Street.	.446	Do. ...	Do. ...	Do. ...
39. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge.	2,245	Do. ...	.....	.....
WORKS TO BE COMMENCED.				
40. Fifty masonry gullies between Wari Bandar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th Apr. 1888...
41. Raising manholes between Wari Bunder and the Fort Market.	4,619	Do. ...	Do. ...	Do. ...
42. Additional manholes	3,526	Do. ...	Do. ...	Do. ...
43. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain.	6,230	Cur. rev...	.....	.....
44. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple.	7,752	Do. ...	.....	.....
45. Storm-water drain in Hornby Road from Salvation Hall to Bazaar Gate Street.	9,501	Do. ...	.....	.....
46. Storm-water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain.	5,835	Do. ...	.....	.....
IV.—ROADS, BUILDINGS, &c. WORKS IN PROGRESS.				
47. Enlargement of Dhobies' Lines, Mahaluxmi.	45,652	Loan	16th May 1883...	4th Feb. 1884...
48. Purchase of open spaces	12,000	Cur. rev...	25th Apr. 1888 ...	25th Apr. 1888 ...
49. Erskine Road Market extension	4,04,122	Loan	1st Dec. 1887 and 8th Mar. 1888.	1st Dec. 1887 and 8th Mar. 1888.

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Oct. 1889.	REMARKS.
		Rs.	
.....	.....	.....	Work completed. Bill to be passed.
16th Feb. 1889...	16th Sept. 1889...	28,618	Work in progress.
Do. ...	Do. ...		
.....	.....	318	Work entrusted to petty contractor. In progress
.....	.....	.....	Do. do. do.
.....	.....	.....	Entrusted to the petty works contractors.
.....	.....	.....	Tender received and accepted.
.....	.....	.....	Tender received.
.....	.....	.....	
.....	.....	.....	Contract is being prepared.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	
1st May 1889 ...	31st March 1890.	6,176	Work in progress.
.....	.....	.....	
.....	.....	2,87,848	Work in progress departmentally.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
50. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road.	28,000	Loan	26th March 1888.	26th March 1888.
51. Night-soil depôt near the junction of DeLisle and Carrol Roads.	18,750	Do.	25th April 1888.	25th April 1888...
52. Metalling with tarred road metal the Health Department Stable at Paltan Road.	8,280	Cur. rev.	16th Jan. 1889 ...	16th Jan. 1889 ...
53. Additional storey over porch of bungalow at the Bandra Slaughter-houses.	1,824	Do. ...	Do. ...	Do. ...
WORKS TO BE COMMENCED.				
54. New night-soil depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th Apr. 1888 ...	25th Apr. 1888 ...
55. Engineer's chaukis	20,000	Do. ...	Budget for 1883-84.	Budget for 1883-84.
56. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882...	28th July 1882...
57. Proposed Cholera Hospital	13,160	Do. ...	13th Oct. 1884...	13th Oct. 1884 ...
58. Vaccination quarters and stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
59. Health Department Stables, F & G Wards.	* 23,992	Do. ...	Do. ...	Do. ...
60. New Market at Colaba	50,300	Loan ...	26th March 1888.	26th March 1888.
61. Purchase of land for chawls for the bigaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do.	25th April 1888.	25th April 1888.
62. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads junction.	23,676	Do.	26th March 1888.	26th March 1888.
63. Road through Nowroji Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do.	Do. ...	Do. ...
64. Filling in and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir.	4,888	Cur. rev.	16th Jan. 1889 ...	16th Jan. 1889 ...
65. Retaining wall extension, Walkeshwar Road.	4,150	Do. ...	Do. ...	Do. ...
66. Extension of the Mutton Markets, &c., Crawford Market.	49,942	Loan	26th March 1888.	26th March 1888.

* From this sum, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Oct. 1889.	REMARKS.
		Rs.	
15th Feb. 1889.	15th July 1889.	10,384	Work in progress.
.....	.....	7,247	Land acquired; fresh tenders invited.
.....	.....	.....	Entrusted to the petty works contractors. Work in progress.
.....	.....	.....	Do. do. do.
.....	.....	210	Site to be settled.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	10,009	Land acquired; designs are awaiting approval.
.....	.....	.....	Site of market not yet settled.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	.....	Contract is being prepared.
.....	.....	.....	To be done departmentally; work in progress.
.....	.....	232	

of Love Grove Pumping Station as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF NOVEMBER 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
I.—WATER-WORKS.				
WORKS COMPLETED.				
1. New mains in various streets.....	81,550	Cur. rev....	26th May 1887 ...	26th May 1887 ...
2. New 18″ and 12″ mains in Frere Road...	85,000	Loan	Do. ...	Do. ...
3. Arthur Road 27″ main.....	34,541	Do.	11th Jan. 1888 ...	11th Jan. 1888 ...
4. Arthur Road Connection Works	13,200	Do.	15th March 1888.	15th March 1888.
5. New catch-water channels at Vehar.....	10,000	Cur. rev....	7th April 1888...	7th April 1888...
6. Additions and alterations to Vehar Bungalow.	5,000	Do. ...	25th Apr. 1888 ...	25th April 1888.
7. Rooms over the sluice houses, Vehar and Tulsi mains.	5,000	Do. ...	Do. ...	Do. ...
8. Mains in 14 streets west of Frere Road..	17,625	Loan ...	15th March 1888.	15th March 1888.
9. Other mains in various streets	51,475			
10. Constructing concrete trench, Waste Weir, Vehar.	35,000	Do. ...	26th Jan. 1888 ...	26th Jan. 1888 ...
11. Additional catch-water channels at Vehar.	3,600	Cur. rev....	7th Jan. 1889 ...	7th Jan. 1889 ...
WORKS IN PROGRESS.				
12. Fixing additional Deacon's meters and works in connection therewith.	5,000	Cur. rev...	26th May 1887 ...	26th May 1887 ...
13. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888.	1st March 1888.
14. Concrete trench at Tulsi Waste Weir ...	9,000	Do. ...	16th Jan. 1889 ...	Do. 1889.
15. Extension of catch-water channel at Tulsi.	20,000	Loan	7th Jan. 1889 ...	4th Feb. 1889 ...
WORKS TO BE COMMENCED.				
16. Filling in compound, Water Works Stores, and constructing new offices and store-room and a stove and tank for dipping pipes.	25,000	Cur. rev....	26th May and 14th Nov. 1887	26th May and 14th Nov. 1887.
17. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto.	97,930	Loan	8th July 1889 ...	8th July 1889 ...
18. Pawai Works.....	4,55,000	Do. ...	25th Nov. 1889 ...	25th Nov. 1889...

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Nov. 1889.	Remarks.
		Rs.	
.....	.....	78,866	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,031	Do. do. do.
2nd Feb. 1888...	31st March 1889..	88,452	Completed; final accounts under settlement.
Do. ...	10th March 1889.	9,568	Work completed; final accounts under settlement.
23rd April 1888...	31st Jan. 1889 ...	10,000	Do. do. do.
11th Feb. 1889...	30th Apr. 1889 ...	10,000	Do. do. do.
3rd Dec. 1888...	Do. ...		
19th May 1888 ...	31st May 1889 ...	58,957	Pipe laying completed and final accounts are to be adjusted.
16th Feb. 1888...	2nd July 1889...	30,608	Works completed for first and second sections. Final bills submitted for sanction.
14th Jan. 1889 ...	30th Apr. 1889 ...	8,196	Work completed; final bill to be submitted.
May 1887 ...	May 1890 ...	1,590	Work in progress departmentally as occasion requires.
1st July 1888...	30th Nov. 1889...	906	Work in progress; contractor causing much inconvenience by delay.
8th April 1889...	Do. ...	4,094	Work nearly completed.
14th Jan. 1889 ...	31st Jan. 1890 ...	13,426	Work in progress.
.....	31st Dec. 1888 ...	22,838	Work completed, except stove and tank for dipping pipes.
.....	.....	.....	Contract for the supply of asphalte turbine and centrifugal pump let.
.....	June 1890 ...	.....	Tenders for construction of masonry dam advertised Nov. 26th. Tender of Messrs. Simpson of London for engines accepted by cable, Nov. 25th.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
II.—SEWERAGE AND HOUSE CONNECTIONS.				
WORKS COMPLETED.				
19. Provisions for shaft ventilators	45,652	Loan	8th Dec. 1881...	.....
20. Agripada pipe sewers.....	1,05,953	Do.	16th May 1883 ...	2nd Jan. 1884...
21. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
WORKS IN PROGRESS.				
22. House connections without privy fittings in the first section of Drainage Scheme.	5,71,165	Do.	8th Dec. 1881 ...	.....
23. Automatic flushers at heads of gullies..	5,570	Do.	Do. ...	.....
24. Drainage of Fort	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884..
25. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev ...	1st Mar. 1888 ...	1st Mar. 1888..
26. 9″ Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Loan	26th Mar. 1888...	26th Mar. 1888 ..
27. Queen's Road and Girgaum sewerage and house connection works.	11,14,929	Do.	28th July 1887 ...	28th July 1887...
28. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,046	Do.	9th Apr. 1886 ...	9th Apr. 1888...
WORKS TO BE COMMENCED.				
29. Kamathipura privy connections	40,765	Loan	8th Dec. 1881 ...	.....
30. Altering connection of main drain with main sewer at Bellasis Bridge.	1,100	Cur. rev...	.....	.....
31. Covering the water-supply tanks of the new latrines at the Arthur Crawford Market and in Kharsetji Suklaji Street.	220	Do. ...	.....	.....
32. New latrines and urinals	14,220 24,379 38,599	Do. ...	.....	.....
33. House connections in Agripada District.	2,48,642	Loan	8th Oct. 1888 ...	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end Nov. 1889.	Remarks.
		Rs.	
.....	.....	41,769	Work completed.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed ; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885 ...	87,862	Works completed ; accounts being adjusted ; contractors have applied for extra allowances.
.....	.....	81,949	Khetwadi section of the work is done.
.....	.....	.....	A contract for supply of iron materials at a cost of Rs. 1,58,858, was sanctioned.
20th Oct. 1884 ...	1st Mar. 1889 ...	8,33,172	Work nearly completed.
.....	.....	2,832	Surface ventilators being made departmentally along Marine Lines and Mayo Road ; remainder entrusted to petty contractor.
15th Feb. 1889...	15th Aug. 1889...	12,882	Work in progress.
Nov. 1888 ...	1st Feb. 1889 ..	2,47,958	
.....	.....	725	Work in progress.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	.....	To be done departmentally.
.....	.....	.....	To be done by the Municipal Workshops.
.....	.....	2,634	Portion of the work entrusted to petty works contractor.
.....	.....	.....	Contract being prepared.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
III.—SURFACE DRAINAGE.				
WORKS COMPLETED.				
34. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....
WORKS IN PROGRESS.				
35. Extension of Parel Road storm-water drain to Shephard Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888.
36. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do.	Do. ...	Do. ...
37. Five large masonry gullies for storm-water in Kamathipura.	3,064	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
38. Masonry gullies for storm-water at junction of Kavasjee Patel Tank Street and Kika Street.	446	Do. ...	Do. ...	Do. ...
39. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge.	2,245	Do. ...	.....	.....
WORKS TO BE COMMENCED.				
40. Fifty masonry gullies between Wari Bundar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th Apr. 1888...
41. Raising manholes between Wari Bunder and the Fort Market.	4,619	Do.	Do. ...	Do. ...
42. Additional manholes	3,526	Do.	Do. ...	Do. ...
43. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain.	6,230	Cur. rev...	.....	.....
44. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple.	7,752	Do. ...	.....	.....
45. Storm-water drain in Hornby Road from Salvation Hall to Bazaar Gate Street.	9,501	Do. ...	.....	.....
46. Storm-water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain.	5,835	Do. ...	.....	.....
IV.—ROADS, BUILDINGS, &c. WORKS IN PROGRESS.				
47. Enlargement of Dhobies' Lines, Mahaluxmi.	45,652	Loan	16th May 1883...	4th Feb. 1884...
48. Purchase of open spaces	12,000	Cur. rev....	25th Apr. 1888...	25th Apr. 1888...
49. Erskine Road Market extension	4,04,122	Loan	1st Dec. 1887 and 8th Mar. 1888.	1st Dec. 1887 and 8th Mar. 1888.

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Nov. 1889.	Remarks.
		Rs.	
.....	.....	.....	Work completed. Bills to be passed.
16th Feb. 1889 ...	16th Sept. 1889...	28,613	Work in progress.
Do ...	Do. ...		
.....	.....	318	Work entrusted to petty contractor. In progress.
.....	.....	.....	Do. do. do.
.....	.....	.....	Entrusted to the petty works contractors.
.....	.....	.....	Tender received and accepted.
.....	.....	.....	Tender received.
.....	.....	.....	
.....	.....	.....	Contract is being prepared.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	
1st May 1889 ...	31st March 1890.	6,176	Work in progress.
.....	.....	.....	
.....	.....	2,87,348	Work in progress departmentally.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
50. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road.	23,000	Loan	26th March 1888.	26th March 1888.
51. Night-soil depôt near the junction of DeLisle and Carrol Roads.	13,750	Do. ...	25th April 1888..	25th April 1888.
52. Metalling with tarred road metal the Health Department Stable at Paltan Road.	8,280	Cur. rev.	16th Jan. 1889 ...	16th Jan. 1889 ...
53. Additional storey over porch of bungalow at the Bandra Slaughter-houses.	1,824	Do. ...	Do. ...	Do. ...
WORKS TO BE COMMENCED.				
54. New night-soil depôt at the south end of DeLisle Road.	6,033	Cur. rev.	25th April 1888 ..	25th April 1888..
55. Engineer's chaukies.....	20,000	Do. ...	Budget for 1883-84.	Budget for 1883-84.
56. Ward Offices, Assessment Department..	25,000	Do. ...	28th July 1882 ...	28th July 1882...
57. Proposed Cholera Hospital.....	13,160	Do. ...	13th Oct. 1884 ...	13th Oct. 1884 ...
58. Vaccination quarters and stables to be erected near Municipal Workshops.	15,000	Do. ...	Budget for 1885-86.	Budget for 1885-86.
59. Health Department Stables, F & G Wards.	*23,992	Do. ...	Do. ...	Do. ...
60. New Market at Colaba.....	50,300	Loan.....	26th March 1888.	26th March 1888.
61. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do. ...	25th April 1888...	25th April 1888..
62. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads Junction.	23,676	Do. ...	26th March 1888.	26th March 1888.
63. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do. ...	Do. ...	Do. ...
64. Filling in and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir.	4,888	Cur. rev.	16th Jan. 1889 ...	16th Jan. 1889 ...
65. Retaining wall extension, Walkeshwar Road.	4,150	Do. ...	Do. ...	Do. ...
66. Extension of the Mutton Markets, &c., Crawford Markets.	49,942	Loan.....	26th March 1888.	26th March 1888.

* From this sum, Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Nov. 1889.	Remarks.
		Rs.	
15th Feb. 1889.	15th July 1889.	10,384	Work in progress.
.....	.....	7,247	Land acquired; fresh tenders invited.
.....	.....	4,586	Entrusted to the petty works contractors. Work in progress.
.....	.....	.....	Do. do. do.
.....	.....	210	Site to be settled.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	Delayed for want of a suitable site.
.....	.....	.....	A site has been granted by Government, but the conveyance has not yet been executed.
.....	.....	10,009	Land acquired; designs are awaiting approval.
.....	.....	.....	Site of market not yet settled.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	.....	Contract is being prepared.
.....	.....	.....	To be done departmentally; work in progress.
.....	.....	282	

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF DECEMBER 1889

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
I.—WATER-WORKS.				
WORKS COMPLETED.				
1. New mains in various streets	81,550	Cur. rev...	26th May 1887 ...	26th May 1887 ...
2. New 18″ and 12″ mains in Frere Road...	85,000	Loan	Do. ...	Do. ...
3. Arthur Road 27″ main.....	34,541	Do.	11th Jan. 1888 ...	11th Jan. 1888 ...
4. Arthur Road connection Works.....	13,200	Do.	15th March 1888.	15th March 1888.
5. Mains in 14 streets west of Frere Road..	17,325	Loan ...	Do. ...	Do. ...
6. Other mains in various streets	51,475			
7. Additional catch-water channels at Vehar.	3,600	Cur. rev...	7th Jan. 1889 ...	7th Jan. 1889 ...
8. Preparing and lithographing copies of water mains.	2,000	Do. ...	1st March 1888...	1st March 1888...
WORKS IN PROGRESS.				
9. Concrete trench at Tulsi Waste Weir ...	9,000	Cur. rev...	16th Jan. 1889 ...	1st March 1889...
10. Extension of catch-water channel at Tulsi.	20,000	Loan	7th Jan. 1889 ...	4th Feb. 1889...
11. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto.	97,930	Do.	8th July 1889 ...	8th July 1889 ...
12. Pawai Works.....	4,55,000	Do.	25th Nov. 1889...	25th Nov. 1889...
WORK TO BE COMMENCED.				
13. Constructing store-room and a stove and tank for dipping pipes, Water Works Stores.	25,000	Cur. rev...	26th May and 14th Nov. 1887.	26th May and 14th Nov. 1887.

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Dec. 1889.	Remarks.
		Rs.	
.....	.....	78,866	Work completed; final accounts not adjusted, pending the receipt of sanction.
.....	.....	80,031	Do. do. do.
2nd Feb. 1888 ...	31st March 1889 .	88,503	Completed; final accounts under settlement.
Do. ...	10th March 1889.	9,564	Work completed; final accounts under settlement.
19th May 1888 ...	31st May 1889 ...	58,957	Pipe laying completed and final accounts are to be adjusted.
14th Jan. 1889 ...	30th Apr. 1889 ...	3,196	Work completed; final bill to be submitted.
1st July 1888 ...	30th Nov. 1889...	906	Work completed; contractors caused much inconvenience by delay. Final bill awaiting sanction.
8th April 1889 ...	30th Nov. 1889...	4,094	A small quantity of filling remained at the break of the monsoon and is now being done.
14th Jan. 1889 ...	31st Jan. 1890 ...	13,426	Work in progress.
17th Dec. 1889...	Aug. 1890 ...	61	Contract for the supply of asphalte turbine and centrifugal pump let.
24th Dec. 1889...	June 1890 ...	47,076	Contracts for construction of masonry dam and pipe laying let.
.....	31st Dec. 1888 ...	22,833	Work completed, except stove and tank for dipping pipes.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
II.—SEWERAGE AND HOUSE CONNECTIONS.				
WORKS COMPLETED.				
14. Provisions for shaft ventilators	45,652	Loan	8th Dec. 1881 ...	.....
15. Agripada pipe sewers	1,05,953	Do.	16th May 1883 ...	2nd Jan. 1884 ...
16. Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
WORKS IN PROGRESS.				
17. House connections without privy fittings in the first sections of Drainage Scheme.	5,71,165	Loan	8th Dec. 1881 ...	.....
18. Automatic flushers at heads of gullies...	5,570	Do.	Do. ...	.....
19. Drainage of Fort	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
20. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev. ..	1st Mar. 1888...	1st Mar. 1888 ...
21. 9" Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Loan	26th Mar. 1888 ...	26th Mar. 1888...
22. Queen's Road and Girgaum sewerage and house connection works.	11,14,929	Do.	28th July 1887 ...	28th July 1887 ...
23. Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Do.	9th Apr. 1886	9th Apr. 1888...
24. New latrines and urinals.....	14,220 24,379 38,599	Cur. rev.	.....	.....
WORKS TO BE COMMENCED.				
25. Kamathipura privy connections	40,765	Loan	8th Dec. 1881...	.....
26. Altering connection of main drain with main sewer at Bellasis Bridge.	1,100	Cur. rev..	.....	.....
27. Covering the water-supply tanks of the new latrines at the Arthur Crawford Market and in Kharsetji Suklaji Street.	220	Do. ...	.....	.....
28. House connections in Agripada District.	2,48,642	Loan	8th Oct. 1888 ...	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Dec. 1889.	Remarks.
		Rs.	
.....	.....	41,769	Work completed.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	87,862	Works completed; accounts being adjusted; contractors have applied for extra allowances.
.....	.....	82,818	Khetwadi section of the work is done.
.....	.....	.....	A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned.
20th Oct. 1884...	1st Mar. 1889 ...	3,33,172	Work nearly completed, being finished departmentally.
.....	.....	2,332	Surface ventilators being made departmentally along Marine Lines and Mayo Road; remainder entrusted to and completed by petty works contractors.
15th Feb. 1889...	15th Aug. 1889...	13,020	Work almost completed.
Nov. 1888....	1st Feb. 1889 ...	2,50,269	Work entrusted to Messrs. Bulkley & Co.
.....	.....	725	Work in progress.
.....	.....	2,690	Portion of the work entrusted to petty works contractor.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	.....	To be done departmentally.
.....	.....	.....	Entrusted to the Superintendent of the Municipal Workshops.
.....	.....	.....	Contract prepared.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
III.—SURFACE DRAINAGE.	Rs.			
WORK COMPLETED.				
29. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....
WORKS IN PROGRESS.				
30. Extension of Parel Road storm-water drain to Shephard Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888...
31. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do.	Do. ...	Do. ...
32. Five large masonry gullies for storm-water in Kamathipura.	3,064	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
33. Masonry gullies for storm-water at junction of Kavasjee Patel Tank Street and Kika Street.	446	Do. ...	Do. ...	Do. ...
34. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge.	2,245	Do. ...	.....	.....
35. Fifty masonry gullies between Wari Bundar and the Fort Market.	14,773	Loan	9th Apr. 1888...	9th Apr. 1888...
36. Raising manholes between Wari Bundar and the Fort Market.	4,619	Do. ...	Do. ...	Do. ...
37. Additional manholes	3,526	Do. ...	Do. ...	Do. ...
WORKS TO BE COMMENCED.				
38. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain.	6,230	Cur. rev...	.....	.....
39. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple.	7,752	Do. ...	.....	.....
40. Storm-water drain in Hornby Road from Salvation Hall to Bazaar Gate Street.	9,501	Do. ...	.....	.....
41. Storm-water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain.	5,835	Do. ...	.....	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Dec. 1889.	Remarks.
		Rs.	
.....	.....	.....	Work completed. Bills to be passed.
16th Feb. 1889 ...	16th Sept. 1889...		The contractors not having completed the work, it is being finished departmentally.
Do. ...	Do. ...	28,785	Work almost completed.
.....	.....	318	Work entrusted to petty contractor. In progress.
.....	.....	.....	Do. do. do.
.....	.....	.....	Entrusted to the petty works contractors.
.....	.....	.....	Tender accepted ; work in progress.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	Contract prepared.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
IV.—ROADS, BUILDINGS, &c.	Rs.			
WORKS COMPLETED.				
42. Metalling with tarred road metal the Health Department Stable at Paltan Road.	8,280	Cur. rev. ..	16th Jan. 1889 ...	16th Jan. 1889 ...
43. Additional storey over porch of bungalow at the Bandra Slaughter-houses.	1,824	Do. ...	Do. ...	Do. ...
WORKS IN PROGRESS.				
44. Enlargement of Dhobies' lines, Mahaluxmi.	45,652	Loan	16th May 1883...	4th Feb. 1884 ...
45. Purchase of open spaces	12,000	Cur. rev...	25th Apr. 1888 ...	25th Apr. 1888 ...
46. Erskine Road Market extension	4,04,122	Loan	1st Dec. 1887 and 8th Mar. 1888.	1st Dec. 1887 and 8th Mar. 1888.
47. Cross road at Mahaluxmi Station from Clerk Road to Haines Road.	23,000	Do.	26th Mar. 1888...	26th Mar. 1888...
48. Night-soil depôt near the junction of DeLisle and Carrol Roads.	26,394	Cur. rev...	25th Apr. 1888...	25th Apr. 1888 ...
49. Retaining wall extension, Walkeshwar Road.	4,150	Do. ...	16th Jan. 1889 ...	16th Jan. 1889 ...
WORKS TO BE COMMENCED.				
50. Engineer's chaukies.....	20,000	Cur. rev...	Budget for 1883-84.	Budget for 1883-84.
51. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882 ...	28th July 1882...
52. Proposed Cholera Hospital.....	13,160	Do. ...	13th Oct. 1884 ...	13th Oct. 1884 ...
53. Health Department Stables, F & G Wards.	* 23,992	Do. ...	Budget for 1885-86.	Budget for 1885-86.
54. New Market at Colaba	50,300	Loan ...	26th Mar. 1888...	26th Mar. 1888...
55. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do.	25th Apr. 1888...	25th Apr. 1888...
56. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads Junction.	23,676	Do.	26th Mar. 1888...	26th Mar. 1888...
57. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do.	Do. ...	Do. ...
58. Filling and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir.	4,888	Cur. rev. ..	16th Jan. 1889 ...	16th Jan. 1889 ...
59. Extension of the Mutton Markets, &c., Crawford Market.	49,942	Loan	26th Mar. 1888 ...	26th Mar. 1888...

* From this sum Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

Date of Commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Dec. 1889.	Remarks.
		Rs.	
.....	.....	4,586	Work completed.
.....	.....	.....	Do.
1st May 1889 ...	31st Mar. 1890...	20,096	Work in progress.
.....	.....	.....	This amount is transferred to the grant for maintenance of Love Grove Pumping Station, Section II, Coals.
.....	.....	2,87,353	Work in progress departmentally.
15th Feb. 1889....	15th July 1889 ...	10,384	Work in progress. The contractors having failed to complete, a notice was served to proceed with due expedition and the work is now progressing favourably.
.....	.....	7,247	Land acquired; fresh tenders invited.
.....	.....	967-11-2	Work in progress departmentally.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	.....	This amount is transferred to maintenance of Love Grove Pumping Station, Section II, Coal.
.....	.....	10,009	Land acquired; designs are awaiting approval.
.....	.....	.....	Site of market not yet settled.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	.....	Contract is being prepared.
.....	.....	282	

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

PROGRESS REPORTS UP TO THE END OF JANUARY 1890

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
I.—WATER-WORKS.				
WORKS COMPLETED.				
1. Arthur Road 27″ main	34,541	Loan	11th Jan. 1888	11th Jan. 1888
2. Arthur Road connection Works	13,200	Do.	15th March 1888.	15th March 1888.
3. Mains in 14 streets west of Frere Road	17,325	Loan	Do.	Do.
4. Other mains in various streets	51,475			
5. Additional catch-water channels at Vehar.	3,600	Cur. rev.	7th Jan. 1889	7th Jan. 1889
6. Preparing and lithographing copies of water mains.	2,000	Do.	1st March 1888	1st March 1888
7. Constructing store-room and offices; filling compound; stove and tank for dipping pipes, Water Works Stores.	25,000	Do.	26th May and 14th Nov. 1887.	26th May and 14th Nov. 1887.
8. Concrete trench at Tulsi Waste Weir	9,000	Do.	16th Jan. 1889	1st March 1889
WORKS IN PROGRESS.				
9. Extension of catch-water channel at Tulsi.	20,000	Loan	7th Jan. 1889	4th Feb. 1889
10. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto.	97,930	Do.	8th July 1889	8th July 1889
11. Pawai Works	4,55,000	Do.	25th Nov. 1889	25th Nov. 1889
WORK TO BE COMMENCED.				
12. Stove and tank for dipping pipes	...	...	.....	.....

APPENDICES TO RECORD.

OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Jan. 1890.	Remarks.
		Rs.	
2nd Feb. 1888 ...	31st March 1889 .	88,503	Completed ; final accounts under settlement.
Do. ...	10th March 1889.	9,564	Work completed ; final accounts under settlement.
19th May 1888 ...	31st May 1889 ...	58,957	Pipe laying completed and final accounts are to be adjusted.
14th Jan. 1889 ...	30th Apr. 1889 ...	3,196	Work completed ; final bill to be submitted.
1st July 1888 ...	30th Nov. 1889...	1,047	Work completed; contractors caused much inconvenience by delay. Final bill awaiting sanction.
.....	31st Dec. 1890 ...	22,833	Work completed, except stove and tank for dipping pipes. *See* item No. 12.
8th April 1889 ...	Jan. 1890 ...	4,094	Work completed ; final bill to be submitted.
14th Jan. 1889 ...	31st Mar. 1890...	13,426	Work in progress.
17th Dec. 1889...	Aug. 1890 ...	380	Contract for the supply of asphalte turbine and centrifugal pump let.
24th Dec. 1889...	June 1890 ...	55,129	Contracts let for construction of masonry dam and pipe laying, engine-houses and erection of engines.
.....	31st Dec. 1890 ...	.....	Balance of grant under No. 8 available.

	Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
		Rs.			
	II.—SEWERAGE AND HOUSE CONNECTIONS.				
	WORKS COMPLETED.				
13.	Provisions for shaft ventilators	45,652	Loan	8th Dec. 1881 ...	.....
14.	Agripada pipe sewers	1,05,953	Do.	16th May 1883 ...	2nd Jan. 1884 ...
15.	Ovoid sewer from Crawford Market to Mint.	91,177	Do.	Do. ...	Do. ...
16.	Ventilating shafts, Marine Lines, Mayo Road and Queen's Road.	6,750	Cur. rev. ..	1st Mar. 1888...	1st Mar. 1888 ...
17.	9″ Pipe sewer along Bellasis Road, Foras Road and Gilder Street.	29,822	Loan	26th Mar. 1888 ...	26th Mar. 1888...
	WORKS IN PROGRESS.				
18.	House connections without privy fittings in the first sections of Drainage Scheme.	5,71,165	Loan	8th Dec. 1881 ...	.....
19.	Automatic flushers at heads of gullies...	5,570	Do.	Do. ...	.....
20.	Drainage of Fort	4,13,909	Do.	22nd Dec. 1884...	22nd Dec. 1884...
21.	Queen's Road and Girgaum sewerage and house connection works.	11,14,929	Do.	28th July 1887 ...	28th July 1887 ...
22.	Providing ventilating shafts between Wari Bunder and Carnac Bridge.	2,048	Do.	9th Apr. 1886	9th Apr. 1888...
23.	New latrines and urinals	14,220 24,379 38,599	Cur. rev.	.....	.....
	WORKS TO BE COMMENCED.				
24.	Kamathipura privy connections	40,765	Loan	8th Dec. 1881...	.....
25.	Altering connection of main drain with main sewer at Bellasis Bridge.	1,100	Cur. rev...	.....	.....
26.	Covering the water-supply tanks of the new latrines at the Arthur Crawford Market and in Kharsetji Suklaji Street.	220	Do. ...	.....	.....
27.	House connections in Agripada District.	2,48,642	Loan	8th Oct. 1888 ...	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Jan. 1890.	Remarks.
		Rs.	
.....	.....	41,769	Work completed.
20th Mar. 1884...	30th June 1885...	1,05,757	Work completed; final accounts not settled, being disputed by contractors.
Do. ...	16th June 1885...	87,862	Works completed; accounts being adjusted; contractors have applied for extra allowances.
.....	.....	2,332	
15th Feb. 1889...	15th Aug. 1889...	13,020	Work completed.
.....	.....	82,818	Khetwadi section of the work is done.
.....	.....	.....	A contract for supply of iron materials at a cost of Rs. 1,53,858 was sanctioned.
20th Oct. 1884...	1st Mar. 1889 ...	3,33,906	Work nearly completed, being finished departmentally.
Nov. 1888....	1st Feb. 1891 ...	2,74,605	Work entrusted to Messrs. Bulkley & Co.
.....	.....	725	Work in hands of Rahimtoola Bhaijibhai.
.....	.....	2,755	Portion of the work entrusted to petty works contractor.
.....	.....	.....	The consideration of this matter has been deferred by the Corporation.
.....	.....	.....	To be done departmentally.
.....	.....	.....	Entrusted to the Superintendent of the Municipal Workshops.
.....	.....	.....	Contract prepared.

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
	Rs.			
III.—SURFACE DRAINAGE.				
WORK COMPLETED.				
28. Water tables to Kamathipura 2nd Street.	1,133	Cur. rev...	.....	.....
WORKS IN PROGRESS.				
29. Extension of Parel Road storm-water drain to Shepherd Road.	33,749	Loan	26th Mar. 1888.	26th Mar. 1888...
30. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road.	23,436	Do.	Do. ...	Do. ...
31. Five large masonry gullies for storm-water in Kamathipura.	3,064	Cur. rev...	15th Mar. 1889.	15th Mar. 1888.
32. Masonry gullies for storm-water at junction of Kavasjee Patel Tank Street and Kika Street.	446	Do. ...	Do. ...	Do. ...
33. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge.	2,245	Do. ...	.....	.....
34. Fifty masonry gullies between Wari Bundar and the Fort Market.	14,778	Loan	9th Apr. 1888...	9th Apr. 1888...
35. Raising manholes between Wari Bundar and the Fort Market.	4,619	Do. ...	Do. ...	Do. ...
36. Additional manholes	3,526	Do. ...	Do. ...	Do. ...
WORKS TO BE COMMENCED.				
37. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain.	6,230	Cur. rev...	.....	.....
38. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple.	7,752	Do. ...	.....	.....
39. Storm-water drain in Hornby Road from Salvation Hall to Bazaar Gate Street.	9,501	Do. ...	.....	.....
40. Storm-water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain.	5,835	Do. ...	.....	.....

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Jan. 1890.	Remarks.
		Rs.	
.....	.....	.....	Work completed. Bills to be passed.
16th Feb. 1889 ...	16th Sept. 1889...	28,785	The contractors not having completed the work, it is being finished departmentally.
Do. ...	Do. ...		Work completed.
.....	.....	318	Work entrusted to petty contractor. In progress.
.....	.....	.....	Do. do. do.
.....	.....	.....	Entrusted to the petty works contractors.
.....	.....	.....	Work in progress by Rahimtoola Bhaijibhai.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	Tenders invited.
.....	.....	.....	
.....	.....	.....	
.....	.....	.....	

BOMBAY MUNICIPALITY.

Name and Description of Work or Grant.	Amount of Grant.	Fund to which Grant is debitable.	Date when Grant was sanctioned by the Corporation.	Date when Grant became available.
IV.—ROADS, BUILDINGS, &c.	Rs.			
WORKS COMPLETED.				
41. Metalling with tarred road metal the Health Department Stable at Paltan Road.	8,280	Cur. rev. ..	16th Jan. 1889 ...	16th Jan. 1889 ...
42. Additional storey over porch of bungalow at the Bandra Slaughter-houses.	1,824	Do. ...	Do. ...	Do. ...
WORKS IN PROGRESS.				
43. Enlargement of Dhobies' lines, Mahaluxmi.	45,652	Loan	16th May 1883 ...	4th Feb. 1884 ...
44. Erskine Road Market extension	4,04,122	Do.	1st Dec. 1887 and 8th Mar. 1888.	1st Dec. 1887 and 8th Mar. 1888.
45. Cross road at Mahaluxmi Station from Clerk Road to Haines Road.	23,000	Do.	26th Mar. 1888...	26th Mar. 1888...
46. Night-soil depôt near the junction of DeLisle and Carrol Roads.	26,394	Cur. rev...	25th Apr. 1888...	25th Apr. 1888 ...
47. Retaining wall extension, Walkeshwar Road.	4,150	Do. ...	16th Jan. 1889 ...	16th Jan. 1889 ...
WORKS TO BE COMMENCED.				
48. Engineer's chaukies.....	20,000	Cur. rev...	Budget for 1883-84.	Budget for 1883-84.
49. Ward Offices, Assessment Department.	25,000	Do. ...	28th July 1882 ...	28th July 1882...
50. Health Department Stables, F & G Wards.	* 23,992	Do. ...	Budget for 1885-86.	Budget for 1885-86.
51. New Market at Colaba	50,300	Loan ...	26th Mar. 1888...	26th Mar. 1888...
52. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls.	22,700	Do.	25th Apr. 1888...	25th Apr. 1888...
53. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads Junction.	23,676	Do.	26th Mar. 1888...	26th Mar. 1888...
54. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street.	2,63,875	Do.	Do. ...	Do. ...
55. Filling and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir.	4,888	Cur. rev. ..	16th Jan. 1889 ...	16th Jan. 1889 ...
56. Extension of the Mutton Markets, &c., Crawford Market.	49,942	Loan	26th Mar. 1888 ...	26th Mar. 1888...

* From this sum Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

Date of commencement of the Work.	Probable Date of completion of the Work.	Certified Expenditure up to the end of Jan. 1890.	Remarks.
		Rs.	
.....	.....	6,818	Work completed.
.....	.....	.....	Do.
1st May 1889 ...	31st Mar. 1890 ...	20,096	Work in progress.
.....	.....	2,87,350	Work in progress departmentally.
15th Feb. 1889 ...	15th July 1889 ...	10,384	Work in progress. The contractors having failed to complete, a notice was served to proceed with due expedition and the work is now progressing favourably.
.....	.....	7,267	Land acquired ; designs are awaiting approval.
.....	.....	2,370	Work in progress departmentally.
.....	.....	15,131	Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms.
.....	.....		
.....	.....	10,009	Land acquired ; designs are awaiting approval.
.....	.....	.....	Site of market not yet settled.
.....	.....	.....	The question of site to be decided in 1892.
.....	.....	.....	Owner unwilling to sell.
.....	.....	.....	Negotiations proceeding for acquisition of properties.
.....	.....	.....	Contract is being prepared.
.....	.....	232	

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

Appendix D.

Return of Fires as required under Section 364 of the City of Bombay Municipal Act III. of 1888.

Date.	Locality.	Nature of property destroyed.	Name of Owners.	Estimated Damage.	Cause of Fire.	Time at which the water turned on to and supplied at Fires.
1889						
26th July at 9 P.M.	Elphinstone Road.	Dealwood and old sacking saturated with kerosine oil.	Mr. Maneckji ...	Unknown ...	Believed to be the work of incendiarism.	Water that was stored for domestic purposes was used.
28th July at 5-30 P.M.	Colaba	Cotton	Colaba Press Company.	Rs. 2	The origin of fire is not known.	Water supply was taken from a tank in the compound.
11th August at 12 noon.	Wajali, Mahim...	A hut and grass ...	Mr. John Anton..	„ 16	Careless smoking ...	Well-water was used.
29th August at 6 A.M.	Picket Road ...	Tiled shed	Mr. Keshev Keshoba.	„ 400	Not known	Well-water was used.
21st Sept. at 3-30 A.M.	Dubboo Street...	A chawl ...	The Trustees of the Kanda Mohla Mosque and others.	„ 9,000	Overheating of a baker's oven.	At once from the main and mosque.
25th Sept. at 2. A. M.	Tardeo... ...	Cotton and building.	Sir Dinshaw Manockji Petit Mill.	„ 1,20,000	The origin of the fire at present is not known, but believed to be caused from spontaneous combustion.	Tank water used.

Date.	Locality.	Nature of property destroyed.	Name of Owners.	Estimated Damage.	Cause of Fire.	Time at which the water turned on to and supplied at Fires.
1889 9th Oct. at 2-20 p.m.	Fort, Frere Road.	Cudjan huts ...	Mr. Aaron Reuben	Rs. 700	Careless biree-smoking...	Water supply taken from mains at once.
12th Oct. at 2-45 p.m.	Agripada ...	A chawl	Hadji Abdul Latib.	„ 5,000	Explosion of fireworks...	Tank and main water used.
31st October at 4 A.M.	Mathew Road...	A roof of a house...	Mr. Kashinath Vitoba.	„ 350	Unknown	At once from water main.
4th Nov. at 1 a.m.	Picket Road ...	Bedding	Ladi (woman) ...	„ 4	Careless smoking ...	The water in the house stored for domestic purposes was used.
7th Nov. at 5-45 p.m.	Cumballa Hill...	Loose straw and shed.	Mr. Pestonji Ardasir.	„ 100	Upsetting of kerosine oil lamp.	At once from water main.
11th Nov. at 11-15 p.m.	Apollo Street ...	Offices and shops...	Messrs. A. D. Sassoon, Mr. Framji C. Marker and others.	„ 16,84,100	Supposed spontaneous combustion.	The water was turned on at Malabar Hill Reservoir at 11-20 p.m., reaching the fire at 11-42 p.m.; water first played on fire at 11-55. Special report by Mr. Tomlinson, Deputy Executive Engineer, Water Works, on the subject (*see* minutes of the meeting of the Standing Committee 13th Nov. 1889).

1889 14th Nov., at 4-30 p.m.	Lady Jamsetji Road.	Thatched house ...	Antone Jœ Barretto.	Rs.	200	Careless use of a match-box that was left on the fire-place.	At once from water main.
16th Nov., at 6-30 p.m.	Fanaswady ...	Gunny bag	Mr. Sabaji Sadashiv.	„	8	Spontaneous combustion.	Water that was stored for domestic purposes was used.
16th Nov., at 4 p.m.	Love Lane ...	Jowlee hut	Mr. Gangaram Sultan.	„	160	Careless smoking ...	Do. do.
15th Nov., at 4 p.m.	Matharpakadi ...	Wooden partitions and part of the ceiling of the room	Mr. Natha Lalji.	„	30	The fire was caused by a quantity of wood stacked alongside the fire-place being set on fire by fire in the fire-place.	Water that was stored for domestic purposes was used.
18th Nov., at 10 p.m.	Arthur Road, Tardeo.	Heaps of hay and a hut.	Mr. Yesaw Yacob and 3 others.	„	1,000	Unknown	Tank water was used.*
20th Nov., at 4-30 p.m.	Victoria Dock (S. S. "Imperator.")	Cotton bales ...	Messrs. Killick, Nixon & others.	„	1,000 the survey on the property is to be held hereafter for ascertaining the actual loss.	Spontaneous combustion	At once from the Port Trust main.†

* The Arthur Road 27" main was charged at the time of the fire and the hydrants, which, however, were at some distance, were opened by the first Water Works Inspector who arrived. They were not required as the tank water was available directly opposite the fire.

† This district is supplied from Bhandarwada Reservoir. The supply is intermittent, but the water was on at the time. The storage tanks at the Docks were also available.

Date.	Locality	Nature of property destroyed.	Name of Owners.	Estimated Damage.	Cause of Fire.	Time at which the water turned on to and supplied at Fires.
1889 23rd Nov., at 10-30 a.m.	Mahim Bazar...	Jowli hut ...	Mr. Rattan Huri	Rs. 75	Careless smoking ...	At once from the main (1).
24th Nov., at 1 p.m	Coliwada, Sion...	Straw ...	Chapoo (woman)	„ 91	Unknown ; believed to be careless smoking.	Do. (2).
25th Nov., at 2 a.m.	Cotton Green, near Arthur Bandar.	Unpressed cotton...	Mr. Chimbasapa Malapa.	„ 4,000	Spontaneous combustion	Extinguished by steam fire engine belonging to Native Cotton Association with water from main. Good supply at once (3).
27th Nov., about 5-30 a.m.	H. M.'s Dock-yard.	Smithy coals ...	Government ...	„ 50	Do. ...	Quickly put out by Dockyard Khalasis (4).
1st Dec. at 2-20 p.m.	Parel (Gas Works.)	Coke ...	Bombay Gas Company.	Unknown...	Spontaneous combustion	At once from the main and tank.
5th Dec. at 4-30 p.m.	Haines Road ...	Jowli shed ...	Mr. Dhondi Babajee.	Rs. 5 ...	Careless smoking.....	Water that was stored for domestic purposes was used.
7th Dec. at 2 p.m.	Parel Tank Road.	Blacksmith's Shed.	Mr. Sudoo Badoo	Rs. 55 ...	Carelessness while cooking.	Water from a quarry-hole was used.
11th Dec. at 1 p.m.	Supari Bag Road, Parel.	Jowli shed ...	Mr. Cowasji Rustomji.	„ 5 ...	Not known : believed careless smoking.	At once from the main.

1889.							
14th Dec. at 9-15 a.m.	Paidhoni ...	Grass	Mr. Abdul Karim.	As.	2...	Not known	Ditto ditto.
14th Dec. at 5 p.m.	Kamathipura 6th Street.	Coir	Mr. Sayana Shiwoo.	Re.	1...	Not known	At once from main.
17th Dec. at 8-45 a.m.	Hansraj Lane (Love Lane).	Huts	Mr. Goona Vishram.	Rs.	50...	Careless use of a fire place.	At once from well.
20th Dec. at 12-45 a.m.	Khetwadi 1st Lane.	Cookroom of the house.	Mr. Merwanji Kavasji.	,,	75...	Not known	At once from main.
21st Dec. at 8-30 p.m.	Dharavi Koliwada.	Dwelling house ...	Mr. Androo Aaron.	,,	100...	A rat abstracted a wick from the lamp.	At once from main. There is constant supply in this locality.
23rd Dec. at 5-15 p.m. 1890.	Ripon Road ...	Loose cotton ...	Indian Manufacturing Company.	,,	500...	Friction	At once from main. There is constant supply in this locality.
1st Jan. at 11 p.m.	Sewri	Charcoal	Mr. Kashinath Pandurung.	,,	150...	Spontaneous combustion	Ditto ditto.
10th Jan. at 10-30 a.m.	Kalbadevi Road.	Cloth	Mr. Valubdas Jumnadas.	,,	2...	Careless use of a fire while performing some religious ceremony.	Water that was stored for domestic purposes was used.
12th Jan. at 5-30 p.m.	Paidhoni Road.	A bag of cotton ...	Mr. Abba Miya Rayani.	,,	30...	Unknown	Ditto ditto.

(1 and 2.) There is constant supply in this locality.

(3.) Malabar Hill received alarm at 2·10. At 2·30 the pressure in Municipal Office 1st floor was 28 lbs. The steamers passed the Municipal Office, at Paidhoni 2-43 A.M., Fort 2-49, Byculla 2-45 (difficulty with horses at starting), Gowalia 2·49.

(4.) The fire was a small one. No engines required.

Date.	Locality.	Nature of property destroyed.	Name of Owners.	Estimated Damage.	Cause of Fire.	Time at which the water was turned on to and supplied at Fires.
1890.						
19th Jan. at 4-30 p.m.	*DeLisle Road* ...	Hut	Gungabai (woman).	Rs. 70...	Owing to some charcoal having got on fire whilst being ground (spontaneous combustion).	At once from the main. There is constant supply in this locality.
20th Jan. at 6-20 p.m.	*Chinch Bunder 1st Road.*	7 Sheds	Ramá Govind and others.	„ 1,600...	Careless smoking.	Ditto ditto. The pressure from the mains was sufficient without the intervention of the engines. The supply in this locality is intermittent, but the water was on at the time of the fire.
23rd Jan. at 7-30 p.m.	*Bhuleshwar Rd..*	A wooden post ...	Mr. Chimunlal Maharaj.	„ 2...	A badly constructed fire-place.	Water that was stored for domestic purposes was used.
27th Jan. at 6 p.m.	*Bhuleshwar Rd..*	Dhotur	Mr. Kessewram Ambaram.	„ 1¼...	Dhotur left hanging near a fire-place.	Water that was stored for domestic purposes was used.

1890.						
29th Jan. at 5 a.m.	Ridge Road	Cudjan hut ... Dhobies' clothes... Household things...	Mr. R. Gilbert ... Punchan Sava... Vishnu Mali ...	„ 60... „ 300... „ 60...	Not known ...	The water was on at the time, but no alarm received at Malabar Hill Reservoir.
30th Jan. at 11-30 a.m.	Dharavi ...	A hut	Dhondu Bhikaji.	„ 200...	A rat abstracted a wick from the lamp.	The tank water was used.
30th Jan. at 10 p.m.	Colaba ...	Unpressed cotton bales.	The G.I.P. Railway Co.	„ 1,500...	Supposed spontaneous combustion.	Well and storage tank water was used.
31st Jan. at 11-30 p.m.	New Kazi Mohla	Chawl and stable...	Janibai Dadamia and Kazimia Dadamia.	„ 25,000...	Careless use of Kerosine lamp.	At once from the mains. There is constant supply in this locality.
3rd Feb. at 3-50 p.m.	Broad Street, Fort	Straw	Commissariat Department.	„ 2...	Unknown	Well water was used.
8th Feb. at 3 p.m.	Arthur Road, Parel.	A hut	Mahadu Devji ...	„ 4...	Do.	Water that was stored for domestic purposes was used.
8th Feb. at 6-15 p.m.	Do. ...	Do.	Gopal Tukaram..	Not known..	Do.	Ditto ditto.
12th Feb. at 5 p.m.	Barbhai Mohla...	Buildings... ...	Mr. Kurrimji Alibhoy and others.	Do. ...	Do.	At once from the main.

Date.	Locality.	Nature of property destroyed.	Name of Owners.	Estimated. Damage.	Cause of Fire.	Time at which the water was turned on to and supplied at Fires.
1890. 12th Feb. at 5 p.m.	Nagdevi Street..	15 buildings ...	Mr. Kurrimji Alibhoy.	Rs. 1,25,000	Carelessness in the boiling of oil for making of scent.	At once from the main.
			„ Nakooda Broachi.	„ 300		
			„ Abdul Rassul Kumrudin.	„ 1,000		
			„ Tayabali Jafferbhai.	„ 800		
			„ Dawdmia Busri.	„ 10,000		
			„ Husunbhai Sayedbhai	„ 15,000		
			„ Ismael Hasunji.	„ 10,000		
			„ Abdul Rassul Oomarbhai.	„ 1,500		
			„ Gulam Mohidin.	„ 20,000		
			Haji Mia Abdul Rahiman.	„ 25,000		
			Mr. Ebrahim Hassun Mansur.	„ 20,000		

			„ Megji Laduk	„	25,000		
			„ Nanabhai Kashnath.	„	500		
			Haji Mia Bala Mia.	„	5,000		
			Mr. Hussen Mia Rahimtula.	„	10,000		
				Rs.	2,69,100		
13th Feb. at 4 p.m.	New Nagpada...	A portion of the roof.	„ Amasaheb Mukba.	As.	4	Unknown	Water that was stored for domestic purposes was used.
13th Feb. at 9 p.m.	Kurshetji Suklaji Street.	Some beds and pillows.	Amina, woman...	Rs.	20	Do.	Do. do.
17th Feb. at 10-30 p.m.	Arthur Road ...	Cow-dung cakes ...	Kurim Vali ...	„	100	Unknown	At once from the main.
19th Feb. at 8-45 p.m.	Duncan Road ...	Do. ...	Chema Jumaji...	As.	2	Careless while cooking...	Water that was stored for domestic purposes was used.
21st Feb. at 12 midnight.	Cleveland Bandar, Warli.	Firewood ...	Kasim Aladin ...	Rs.	700	Spontaneous combustion.	At once from the main.
22nd Feb. at 3-45 a. m.	Kazi Sayad Street.	House, gunny bags and sugar.	Moosa Mapla ...	„	41,000	Unknown	Do.
24th Feb. at 12-30 p.m.	Elphinstone Road.	2 cudjan huts ...	Mr. Dorabkhan..	„	90	Not known	Do.
24th Feb. at 6-45 p.m.	Don Tad Street..	Gunny bags ...	Mr. Alladin Premji.	„	200	Unknown	Do.

Date.	Locality.	Nature of property destroyed.	Name of Owners.	Estimated Damage.	Cause of Fire.	Time at which the water turned on to and supplied at Fires.
1890.						
25th Feb. at 5-45 p.m.	Sarang Street ...	The roof of the house.	Mr. Mahomed Hadji Beg Mahomed.	Rs. 500	Careless use of a fire-place.	At once from the main.
26th Feb. at 12 noon.	Dharavi ...	Hut	Jao Antone ...	„ 75	Carelessness while smoking.	Do. do.
2nd Mar. at 3-30 a.m.	Duncan Road ...	Cow-dung cakes & roof.	Dugdoo Ramji...	As. 8	Carelessness while cooking.	Water that was stored for domestic purposes was used.
3rd Mar. at 1-45 a.m.	Mandvi, Bardan Gully.	Gunny bags ...	Mosa Maplia ...	Rs. 5	A rat abstracted a wick from the lamp.	Do. do.
10th Mar. at 1 p.m.	Kumbarwada, 1st Lane.	A small quantity of loose grass.	Luttaji Daji ...	Unknown.	A spark from the fire-place.	Do. do.
18th March at 7-55 p.m.	Argyll Road ...	Bales of wool and cotton.	Tiloomull Chimaldas.	Rs. 14,000	Supposed to be spontaneous combustion.	At once from the main.
20th March at 5-30 p.m.	Colaba	Cotton	Bombay Cotton Press Company.	Between Rs. 5,000 and Rs. 6,000	Stone in machinery ...	Do. do.

Appendix E.

No. 16061 of 1889-90.

Bombay, *6th January* 1890.

To the MUNICIPAL SECRETARY.

Subject.
Site allotted by Government for new Municipal Office.

Sir,—In compliance with the request contained in Corporation's Resolution No. 3091, dated 15th August last, I have the honour to forward herewith a copy of the case and of Counsel's opinion thereon.—I have, &c.,

E. C. K. OLLIVANT,
Municipal Commissioner for the City of Bombay.

EX-PARTE THE MUNICIPAL CORPORATION OF THE CITY OF BOMBAY

RE

SITE ALLOTTED BY GOVERNMENT FOR NEW MUNICIPAL OFFICE.

Case for Opinion of Counsel.

In the year 1883 it was determined that Government should be asked for a piece of land, measuring 6,000 square yards, opposite to the G. I. P. Railway Terminus at Bori Bunder, as a site for the new Municipal Hall and Offices. The Municipal Commissioner accordingly applied to Government for the refusal of the plot, and inquired whether the land could be given to the Corporation, and what might be regarded as its selling value per square yard.

Government by a resolution of the 14th August 1883, (marked No. 1), stated that the plot in question "may be allotted to the Municipality as a site for the proposed Municipal Hall," that the land was valued at Rs. 30 per square yard, but that, as it was required for a purely public purpose, the Government of India would be asked whether they would authorize its being given to the Municipality without charge or at a lower price.

The Corporation by their resolution of the 21st September 1883, (No. 2), recorded the Government resolution last referred to, and tendered its thanks to Government "for the intimation contained therein of the proposal made by Government for granting a free site or one at a nominal rate for the new Municipal Hall," and a copy of this resolution of the Corporation was forwarded to Government.

The Government of India by their letter of the 4th October 1883, stated that they were unable to sanction the grant of the site free of charge, but, in deference to the recommendation of the Government of Bombay agreed to the land being made over to the Municipality on payment at the reduced rate of Rs. 15 per square yard. Accordingly the Bombay Government by their resolution of the 18th October 1883, (No. 3), directed that the Municipal Commissioner be informed

"that the land is allotted to the Municipality as a site for a Municipal Hall on payment of Rs. 15 per square yard, or Rs. 90,000 in all."

This resolution was placed in due course before the Corporation who by their resolution of the 31st January 1884, (No. 4), resolved "that the site be accepted, and that a further representation be made to Government with a view to securing the land on more favourable terms."

A memorial was thereupon submitted to Government on behalf of the Corporation, (No. 5), urging the claims of the latter to special consideration in this matter, and this was forwarded by the Bombay Government for the favourable consideration of the Government of India, who, however, regretted that they were unable to comply with the application, and their decision was communicated to the Municipal Commissioner by Government resolution of the 2nd July 1884, (No. 6).

On the 12th July 1884, the Commissioner by his letter to Government, (No. 7), reported that it had been decided to proceed at once with the erection of the new Municipal Offices and Hall on the site granted, and that a notice would be published immediately, inviting architects to submit designs and offering premia to the three most successful competitors—that it had been determined to spend a sum not exceeding five lakhs on the building, but requesting that the Government of India might be moved "to allow payment for the land (Rs. 90,000) to be deferred until after the completion of the building—say, until the year 1888-89."

By Government resolution of the 19th July 1884, (No. 8), it was decided that the Government of India should be addressed on this point, and that the Government resolutions above referred to, of the 18th October 1883 and 2nd July 1884, (Nos. 3 and 6), should be communicated to the Solicitor to Government, and that the usual lease for the site should be prepared.

On the 27th August 1884, the Bombay Government by their resolution of that date, (No. 9), communicated to the Commissioner the sanction of the Government of India to defer until the year 1888-89 the payment of Rs. 90,000 for the land.

On the 13th October 1884, this last mentioned Government resolution was recorded by the Corporation, and it was resolved, (No. 10), "that the thanks of the Corporation be tendered to Government for the same," and this resolution of the Corporation was communicated to Government by the Commissioner's letter of the 30th October 1884, (No. 11).

After this the ground which, when staked out and measured, was found to contain 6,007·65 square yards, was handed over to the Municipality by the Public Works Department on the 1st November 1884.

On the 19th December 1884, the foundation-stone of the new building was laid by Lord Ripon just before leaving India.

The land thus made over to the charge of the Municipality was duly railed in by them, and, subject to some alterations which have since been made in the configuration thereof by Government, (and the last of which was made in October 1885), the site has ever since continued to be in the possession of the Municipality notwithstanding that, as will presently be seen, they were afterwards invited by Government to consider, and did for a time entertain and even accept, a different site altogether, near the Sailor's Home.

On the 3rd November 1885, (No. 12), the Municipal Commissioner received from the Solicitor to Government a draft agreement for a lease of this ground for approval, and on the 23rd January, 23rd February, and 17th April 1886, he received reminders asking that the approval of this document might be expedited. A copy of this draft agreement is sent herewith, (No. 13).

On the 21st April 1886, (No. 14), the Municipal Commissioner explained to the Government Solicitor that, before approving of the draft and the boundary line shown on the plan attached to it, he had to consult the architect as to space, &c., but could not do this until the Corporation finally decided what sum was to be spent on the buildings, and promised to lose no time in returning the draft agreement as soon as the Corporation decided this.

Shortly after this it was suggested by Government that the oval between the Prince of Wales' Statue and the Sailor's Home would be a better site for the new Municipal Offices and Hall, and some demi-official correspondence passed, which, on the 20th July 1886, resulted in Government offering, (No. 15), to hand over a site on this ground at the same rate per square yard, as was to be charged for the site opposite the G. I. P. Railway Terminus, and on the 13th August 1886, the Corporation determined, (No. 16), to accept this new site. This of course necessitated some changes in the designs, and Government moreover stipulated that nothing short of a very imposing building should be here erected. A good deal of time was taken up in negotiations with Government as to the precise alignment of the building on this site, and as to design, and at length on the 7th May 1887, the Municipal Commissioner received a letter (No. 17), from the Acting Under-Secretary to Government, Public Works Department, stating that Government awaited the report of a committee then sitting for the purpose of advising Government, in regard to the extension of the City before passing any orders on the disposal of the crescent (the ground opposite the Sailor's Home), and the alignment of the building and the space to be allotted to the Municipal Offices.

On the 9th May 1887, the Corporation appointed a committee consisting of ten of its members to consider and report, in consultation with the Commissioner, on the subject of the modified design together with plans suitable to the site near the Sailor's Home offered by Government, and generally on the subject.

This committee recommended on the 25th May 1887, (No. 18), that another suggestion which had meanwhile been made to take over the Town Hall for the purposes of the Municipal Offices should be abandoned, and further that the site opposite the Sailor's Home should be adhered to, and the Municipal Commissioner be authorized to call for designs for a building, providing for the present requirements of the Municipality and meeting with the approval of Government, to be erected at an immediate cost of five lakhs of rupees. The building to be one of such design and arrangement as to be capable of extension.

On the 13th June 1887, this report was approved and adopted by the Corporation, (No. 19), and the Commissioner was authorized to call upon Mr. Chisholm (who had been awarded the first prize for the designs invited for the site opposite the G. I. P. Railway terminus) to prepare a fresh design.

This decision of the Corporation was communicated to Government by the Commissioner's letter of the 28th June 1887, (No. 20), in which he asked for an expression of the views of Government in regard to the style of architecture to enable Mr. Chisholm more satisfactorily to modify his designs, and after a further letter on the 11th August 1887, asking for an early reply, the Commissioner received a letter from the Acting Under-Secretary, Public Works Department, dated 17th August 1887, (No. 21), stating that, until Government were in possession of the report of the Extension Committee before referred to, and of the views of the Municipality as to any suggestions that might be made regarding the matter in question, "Government are unable to move further in the question of site, and would prefer not to offer any opinion on the style of architecture to be adopted." About this time a proposal was made to the Corporation that they should purchase the Cathedral High School and add to it, and on the 7th November 1887 this proposal was brought before the Corporation, and another committee of that body was appointed to report on the plans and elevations, and on the configuration of the site. This committee on the 27th March 1888 made their report, (No. 22), in which they unanimously recommended the rejection of the Cathedral High School scheme, and advised the Corporation to adhere to the site on the crescent, opposite the Sailor's Home.

On the 19th April 1888, the Corporation considered this report, but determined, (No. 23), to revert to the site opposite the G. I. P. Railway terminus at Bori Bunder, resolving "that the Acting Municipal Commissioner be instructed to proceed forthwith with the work of arranging for the building of Municipal Offices on the site at Bori Bunder already selected by the Corporation."

On the 20th April 1888, (No. 24), the Commissioner reported this decision to Government, and enquired whether they were still willing to grant the Bori Bunder site at the price originally marked, *viz.*, Rs. 90,000, and on the 2nd July 1888 he received a reply, (No. 25), from the Public Works Department that "Government are still willing to grant the site opposite the Victoria Terminus for the new Municipal Offices in the terms of the rough agreement forwarded to you for approval in November 1885."

On the 12th November 1888, Government issued a resolution, (No. 26), that the land was allotted to the Municipality in October 1883, the charge being fixed at Rs. 90,000, that the Government of India on a special representation consented to payment being deferred until 1888-89, and that the Municipality should now be called upon to complete the lease and pay in the purchase money.

This was accordingly arranged, the money was paid, and the draft agreement for lease of the land was forwarded to the Municipal Solicitors for approval, the Commissioner at the same time (18th December 1888), (No. 27), writing to the Secretary to Government, Public Works Department, drawing attention to the fact that by the draft agreement it was provided amongst other things that the Corporation should pay a yearly rent of one anna per square yard for the term of 999 years, though no allusion to such a condition was made in the original Government resolution under which the land was allotted, and adding that he (the Commissioner) was under the impression that for the sum of Rs. 90,000 the site was to be purchased by the Corporation outright.

APPENDICES.

On the 4th February 1889, (No. 28), the Municipal Solicitors wrote to the Government Solicitor, drawing attention to the original Government resolutions, and suggesting that the document to be executed should be a conveyance, not a lease ; pointing out that the resolutions contained no provision for payment of an annual rent over and above the payment at the rate of Rs. 15 per square yard, submitting that there was in any case no necessity for such a preliminary agreement as had been proposed, and that the terms and conditions of that form of agreement (which is apparently merely a copy of some form in use in ordinary cases of leases by Government of building sites to private individuals) were many of them wholly inappropriate and unsuitable to the circumstances, and they asked that the form of document might be entirely reconsidered and remodelled.

With reference to these suggestions, Counsel's attention is particularly drawn to the form of agreement, (No. 13), which, it is thought, he will perceive, at once, to be wholly inappropriate.

On the 13th March 1889, (No. 29), the Corporation passed a resolution approving new designs which had been prepared, and on which it was estimated the building would cost about 9¾ lakhs, giving instructions that the necessary steps be taken forthwith for carrying out the work ; so that, if possible, the foundations might be put in before the rains, and approving of an application being made to Government for permission to project the porch and for a grant of an additional area of 560 square yards, or thereabouts, to admit of a slight improvement contemplated in the design. This was forwarded by the Commissioner with his letter, dated the 14th March 1889, (No. 30), to the Secretary to Government, Public Works Department, and on the 4th April, (No. 31), in continuation of this letter, the Commissioner wrote again to the Secretary to Government, Public Works Department, forwarding 5 tracings with explanatory remarks "as it appears that some doubts exist as to the precise demarcation of the site granted by Government," requesting immediate orders on the subject as a contract had already been let for putting in the foundations, and it was of the greatest importance that this part of the work should be completed by the beginning of the monsoon, and asking the approval of Government to tracing No. 5.

The matter of the foundations was one of such urgent importance, that on the 8th April 1889, (No. 32), the Commissioner again addressed the Secretary to Government, Public Works Department, pressing for a very early reply to his letter of the 4th idem.

Every day lost before giving orders to the contractors, who had taken the contract for the foundations, to begin their work, was now a serious matter, and getting no answer the Commissioner wrote again to the Secretary to Government on the 12th April 1889, (No. 33), asking for the very early orders of Government "for otherwise the project of commencing operations before the monsoon must be abandoned," and he also at the time wrote demi-officially to Mr. Hughes, the Secretary to Government, Public Works Department. Some other demi-official correspondence, (Nos. 34-37), then passed, to which Counsel's attention is drawn, and particularly to Mr. Ollivant's letter to Captain Olivier, dated the 15th April 1889, which very clearly shows how matters stood at that time.

At length on 21st April 1839, (No. 38), an official reply was sent by Secretary to Government, Public Works Department, to the Commissioner's letters of the 18th December 1888, and 14th March and 4th April 1889, and by this letter the Commissioner was informed "that the allotting of a site did not imply a grant in fee simple only a grant on the usual terms;" that, under the special circumstances the usual preliminary agreement might be dispensed with, and that Government were prepared to grant a lease of the area required, as per plan No. 5, sent with the Commissioner's letter of the 4th April 1889, with one very slight modification of the boundary on the modified conditions therein stated, of which the only ones which need be specially noted are as follows :—"That the lease be for 999 years, and reserve the usual annual ground rent of 1 anna per square yard ; that, for 6,000 square yards out of the total area, payment be made at the rate of Rs. 15 per square yard as originally agreed upon, and, for any additional land in excess of that area, payment be made at the rate of Rs. 40 per square yard."

On the 6th May 1889 the Corporation passed a resolution, (No. 39), accepting the terms stated in this letter, but regretting that Government had found it necessary to make any deviation as regards rate or ground rent from the terms of the original grant, and expressing a hope that the acceptance of the terms now laid down will not prevent Government from giving a favorable consideration to such further representation on the subject as the Corporation might think fit to make, and that the President be requested in communication with the Commissioner to submit the representation to Government forthwith.

Pursuant to this resolution, the President of the Corporation addressed Government on the subject on the 29th May 1889, (No. 40), and on the 19th July 1889 a reply was sent to his letter in which, for reasons assigned, the Governor in Council regretted that he was unable to comply with the requests made by the Corporation.

This reply was considered by the Corporation on the 15th August 1889, when the following resolution was passed :—

"That the consideration of letter No. 2831, dated 19th ultimo, from Government on the subject of the terms for the additional ground taken for the site of the new Municipal Office be deferred. That, before any further land be purchased, the Municipal Commissioner be requested to instruct the Solicitors to obtain the opinion of Counsel, as to whether the Corporation is, in the circumstances that have happened, bound to take a lease in the ordinary Esplanade form, or whether they are not entitled to a lease in the ordinary form or even to a grant."

It will be seen from the foregoing statement of facts that the Bombay Government, when the site was first asked for in 1883, were in favor of its being given to the Municipality altogether free of charge, and made a recommendation to the Government of India to that effect ; that it was by direction of the Government of India that it was "allotted," to the Corporation, "on payment of Rs. 15 per square yard, or Rs. 90,000 *in all*," not a word being said or a suggestion being made by the Government of India, much less by the Bombay Government, that the Corporation should be charged any ground rent for it in addition ; that these terms were accepted by the Corporation and

were confirmed by Government and the Corporation in the following year (1884), when the payment of Rs. 90,000 for the land was permitted to be deferred until 1888-89; that the land was handed over to the Corporation upon these terms in November 1884 and that, subject to alterations which were afterwards made by Government in the configuration of the site, the Corporation have been ever since in possession of it ; that, though the Government resolution of 19th July 1884 directed that the usual *lease* should be prepared, it is evident from that resolution that the document was to be on the basis of the terms so arranged ; that, though the draft agreement for lease which for the first time introduced the stipulation as to ground rent was sent to the Commissioner in November 1885, the reason why it was not looked into, and objection taken until December 1888, was that Government had themselves in the meanwhile proposed to hand over to the Corporation another site in lieu of the original one at the same rate per square yard, but were unable after much delay to make up their minds as to the details in connection with such other site, and this it was, apparently, that was the main cause, or, at any rate, one of the main causes of the Corporation eventually reverting to the original Bori Bunder site ; that this decision having been arrived at and the Municipality called upon to carry out the original terms, objection was at once taken to the stipulation as to the ground rent, and to the form of agreement generally, that, without answering these objections in any way, Government suffered the Municipality to make their arrangements for proceeding with the work, and that it was, only under stress of the risk of heavy claims for damages by their contractor and of losing the working season for putting in their foundations, that the Municipality were obliged to accede to the stipulation as to ground rent and accepting a lease.

The action of Government in thus seeking to go behind and add to the clear terms of the original bargain, and then in taking advantage of their own delay in answering the application for additional ground, and of the dilemma in which the Municipality were placed in consequence, were, it is submitted, such as would in the case of a private individual, undoubtedly, have deserved to be characterized as close dealing if nothing stronger.

The Corporation, however, no doubt *have* by their resolution of the 6th May last accepted the fresh conditions, and the only legal question arising in connection with them would, therefore, seem to be whether the original terms having been definitely and unconditionally accepted by the Corporation, and the land made over to and held by them for so many years upon those terms, it was open to Government to impose fresh terms on them, and whether such fresh terms, even though accepted under pressure as aforesaid, are binding on the Corporation or are supported by any sufficient legal consideration. In this connection, it will be noticed that the additional area asked for to admit of the improved design was a matter wholly unconnected with the questions of ground rent or form of document in respect of the original site, but that, none the less, it enabled Government to bring great pressure to bear on the Municipality by delaying the reply to their application for such additional area, for, though the land was in the possession of the Municipality and work might have proceeded within the original area had it been possible to finally fix the design, this could not be

done till the answer from Government was received, and it was known what design would have to be followed.

As regards the form of lease, if the Corporation must be held legally bound by their resolution of 6th May, they have apparently by it accepted the conditions of the lease as laid down in the Government letter of the 21st April 1889 ; in other respects, however, it is submitted that there is no valid reason why the Corporation should accept a lease containing conditions unnecessary, inappropriate, and even absurd, as some of them are such as are indicated in the draft agreement forwarded by the Government Solicitor on the 3rd November 1885 ; such, for instance, as the deposit with Government of Rs. 1,000 (*see* recital on page 2 of the draft), the limit of 2 years' time for the commencement and completion of work, and the stipulations as to approval of materials by the Government Surveyor, and amount to be expended in each year (paras. 1, 3, and 4 of draft), the condition as to fencing, lighting, and watching the premises to the satisfaction of the Government Surveyor (para. 2), the condition as to mode of pitching the public footpaths where it became necessary to cut through them (para. 6), (these footpaths are in fact by the Municipal Act vested in and under the control of the Municipality), the provision as to submitting plans and sections showing provision for drainage to the Executive Engineer, Municipality, for approval, and to the architectural Executive Engineer and Surveyor (para. 9), and the inquisitorial provisions of para. 11 under which the architect employed by the Corporation might be subjected to constant interference by the Government Surveyor.

Counsel is requested to advise on behalf of the Municipal Corporation.

(OPINION.)

1. It appears to me that the letter of the Municipal Commissioner, dated the 20th April 1888, (No. 24), must be looked upon as the opening of new negotiations for acquiring the site in question, and that both parties treated the prior negotiations as having resulted in nothing which legally bound either the Government or the Municipality. I do not think therefore that the Corporation is legally entitled to a grant on the original terms.

In reply to the letter (No. 26), above referred to, the Government expressed its willingness to grant the site in the terms of the rough agreement forwarded in November 1885. This amounts to a proposal on the part of Government open for acceptance by the Corporation. Negotiations then ensue, and the Government proposal is modified and embodied in the letter of 21st

1. Whether, having regard to the questionable manner in which Government have seized the opportunity to take advantage of the Municipality, and under all the circumstances that have happened, the Corporation are strictly bound by the new terms laid down by Government, and, if not, whether they are entitled to have a grant of the site on the original terms.

(OPINION)—*contd.*

April 1889, (No. 38), which proposal is accepted by the Corporation. Under ordinary circumstances this, of course, constitutes a contract binding upon both parties, and after consideration of all the circumstances placed before me, I fail to see that there are any, which can affect the legal position or rights of the parties. I am, then, of opinion that the Corporation is strictly bound by the new terms laid down by Government, and accepted by the Corporation.

2. The form of lease is another matter. No one can read the draft, (No. 13), without seeing that it is singularly inappropriate in the present case. That, however, would not be a reason for its rejection, if the Corporation can be held to have agreed to accept its terms. I think that the Corporation has not so agreed. I think that, having regard to the letters which passed prior to the letter from Government of the 21st April 1889, their said letter, (though the same is not at all clearly expressed), is intended to, and does, supersede that portion of the letter, (No. 27), which says that the grant is to be in terms of the rough agreement. I am of opinion that the Corporation has only agreed and is only bound to accept a lease containing ordinary provisions and embodying the special provisions contained in the Government letter of the 21st April 1889.

J. JARDINE.

20*th December* 1889.

2. Whether the Corporation are bound to take a lease in any other than the ordinary form of long building lease, except in so far as varied by any special conditions which they have accepted by their resolution of the 6th May 1889.

And to advise generally.

Appendix F.

Bombay Municipality

WATER WORKS.

PAWAI PROJECT.

Report, dated 19th November, 1889, from the Deputy Executive Engineer, in charge Water Works, to the Municipal Commissioner.

Bombay:
PRINTED AT THE "TIMES OF INDIA" STEAM PRESS.

1889.

BOMBAY MUNICIPALITY WATER WORKS

PAWAI PROJECT.

GENERAL PLAN

Scale 2" = to 1 Mile

REFERENCE.

AREA	458 ACRES.
CAPACITY	584 MILLIONS OF GALLONS.
TOP WATER LEVEL	190 T.M.O.
DRAW OFF "	170 "
GATHERING GROUND	1700 ACRES.
AVERAGE RAINFALL	78 INCHES.
FLOW OFF IN AN AVERAGE YEAR	1440 MILLIONS OF GALLONS.
" " MINIMUM YEAR.	340 " "

GATHERING GROUND PROPOSED TO BE ACQUIRED SHADED RED.

18th November 1889

N. Coultinson Assoc. M. Inst. C.E.
Deputy Executive Engineer
in charge Water Works.

Précis.

Para. 1. Subject of Report.—Pawai Project as the only relief in the present emergency and a useful and economical permanent addition.

„ 2. Present sources of supply.

„ 3. Discharging capacity of Mains.

From Vehar, 11 millions of gallons daily.
„ Tulsi, 4¾ „ „

„ 4. Tulsi Works now yield 4¾ millions of gallons daily, and are therefore safe.

„ 5. Vehar Works, on the average, yield 900 millions of gallons less than the present draw-off.

„ 6. Curtailment of 3 millions of gallons per day would cause disastrous results.

„ 7. A minimum rainfall in 1890 involves a water-famine in 1891.

„ 8. A maximum rainfall in 1890 would fill the lakes.

„ 9. Suggested schemes to avert a possible famine.

„ 10. Tansa Works cannot probably be completed before March 1892 by the Contractors.

„ 11. Kenari Valley. Gravitation Works would cost 16½ lakhs and take 3 years at least to complete. As a Pumping Scheme compares very unfavourably with the Pawai Project recommended.

„ 12. Ewúr Works would cost 25½ lakhs and would require 3 years to complete.

„ 13. Kamun Works would also require 3 or more years to complete.

„ 14. The Pawai Project the only one which can give relief in 1891.

„ 15. Various objections to the Scheme dealt with.

„ 16. Capabilities of the Scheme detailed will yield 1,440 millions of gallons in an average year and 360 millions of gallons in a minimum year. Gathering ground 1,700 acres. Render Vehar safe in an average year, and therefore over a series of years.

17. The 32″ Vehar Main discharges about 8 millions of gallons daily at present and about 7 millions when running only into Bhandarwada Reservoir. Desirable therefore to have pumps of about same capacity.

Para. 18. A new Reservoir required to contain 584 millions of gallons. 107 days' pumping from 15th June to 30th September will remove 856 million gallons. Total quantity is 1,440 million gallons; so 584 million gallons will remain in the Reservoir sufficient for 73 days' pumping.

" 19. Favourable site for dam.
Stream level 165 T. H. D.

Top Water level 190 " (Same as Bhandarwada Reservoir).

The level of Vehar Top Water is 263·5 T. H. D.

Dam designed, so that it can be carried to 195 T. H. D. if required in the future.

Dam to be of rubble in 3 to 1 Portland cement mortar, unless sufficient supplies of good hydraulic lime can be obtained.

Top width of Dam { Large Section ... Height over 15 feet. } 10 feet.

" " { Small Section ... Height under 15 feet. } 5 feet.

Faces vertical: 3 inches per foot batter at the back.

" 20. Site for Pumping Station near Vehar-Saki Road, where subsidiary arrangements may be made for using supply in Vehar Main Valley. Quantity, 290 millions of gallons per annum. Cost, Rs. 23,000 without land.

" 21. Modification of Scheme proposed by Mr. Carroll. To provide temporary pumps but not to construct a dam of greater capacity than to hold 1 week's supply.

" 22. To deal with a rainfall of 18 inches in one week would require pumps to lift 46 millions of gallons daily, and a Reservoir to contain 322 millions of gallons. Pumps for 46 million gallons daily would cost 6½ lakhs of rupees; and the Mains two, 48 inches, 3 lakhs.

" 23. Streams of this sudden character not favourable to direct pumping.

" 24. Pumping plant for 13 millions of gallons daily would cost Rs. 70,000 additional with additional Mains, Rs. 60,000; saving on Dam, Rs. 30,000; but best floods would be lost.

" 25. The proposals recommended are therefore :—

1. The construction of a masonry dam with the top water level at 190 T. H. D. and the draw-off at 170 T. H. D. The capacity of the Reservoir to be approximately 580 million gallons and its area about 450 acres.

2. The provision of two Worthington Triple Expansion Pumping Engines with Babcock's Boilers. Each pump to be capable of lifting 4 million gallons per day, 100 feet high.

3. The building of suitable houses for the protection of the machinery.

4. The laying of a 48" main to join the new Dam; the Pumping Station and the existing 32" Vehar Main, with connections to the Vehar 24" main; Vehar Filters and Vehar Lake. The 48" main must in any case be laid shortly to join Vehar Lake and the Tansa Main, and this portion will serve both purposes. For the present Scheme the expenditure need only have been about Rs. 60,000.

5. The acquisition of the gathering ground of 1,950 acres with the huts and timber thereon; also of the land on the west of the Vehar-Saki Road required for the connections to the existing pipe lines.

6. The arrangement of the Pumping Station, so that at any time the additional supply in the Vehar Main Valley could be taken: in which case the land also should be acquired. A supplementary estimate is given, amounting to Rs. 23,000 for works.

Para. 26. It has not yet been possible to prepare detailed drawings and estimates for each of these proposals: what follows must, therefore, be taken to be approximate in detail, but sufficiently accurate in the total to guide the Corporation in discussing the project. The details of quantities, so far as ascertained, are appended to the Report, and may be referred to.

The approximate cost is estimated as follows:—

		Rs.
1.	Masonry Dam, complete	97,400
2.	Pumping Engines and Boilers	90,000
	Erection of do. do.	22,500
3.	Engine and Boiler-houses, &c.	50,000
4.	New Mains	1,00,000
		3,59,900
	Contingencies & Establishment, 20 per cent.	71,980
	Total for Works ...	Rs. 4,31,880
5.	Land, 1,950 acres...	.....
6.	Dam and subsidiary arrangements in Main Vehar Valley	23,000
	Land, 550 acres	.....

Summary of Estimates.

	Rs.
Pawai Valley—Works...	4,31,880
Vehar Valley—Works	23,000
Total...	Rs. 4,54,880

Para. 27. Why masonry instead of Earthen Dam selected: ground more favourable and avoids separate waste weir and can be left incomplete.

" 28. Worthington Pumps largely used.

" 29. " " in England.

" 30. " " at Sydney.

" 31. " " at Calcutta.

" 32. " " in London.

" 33. " " in the United States.

" 34. Acquisition of gathering ground will prevent pollution. There will be a considerable revenue from grass.

" 35. The water from this Scheme will cost under 1 anna per 1,000 gallons: it will put Vehar in a safe position as soon as the present difficulty is over: it can be used as an independent Gravitation Scheme, or, if not wanted, could be disposed of for irrigation.

" 36. The working expenses of the Pumps will only be incurred when the water is really needed.

" 37. Details of Gravitation Scheme.

" 38. Pumps required besides Gravitation to prevent great loss by evaporation.

" 39. Pumps in addition to Gravitation required, so that the floods can be more fully utilized.

" 40. The Scheme will render Vehar safe over a series of years, but will not fill it in a year of minimum rainfall. In such a year, however, the additional supply would be especially valuable.

" 41. Estimated cost of water pumped, 1 anna per 1,000 gallons if all pumped to a 100 feet height. In practice only a part of the water would be pumped, and only a portion of that pumped would be raised 100 feet high. There will, therefore, be savings on this estimate of cost.

S. TOMLINSON, Assoc. M. Inst. C. E.,
M. Am. W. W. Assn., F. R. Met. Soc.

19*th November*, 1889.

No. 4537 W.

19*th November*, 1889.

FROM

THE DEPUTY EXECUTIVE ENGINEER,
In charge Water Works,

To

E. C. K. OLLIVANT, ESQ., C.S., C.I.E.,
Municipal Commissioner.

SIR,—I have the honour to submit a report on the proposed Pawai Valley Scheme, by which it is intended to secure the water flowing from 1,700 acres of ground forming part of the Pawai Estate and situated immediately to the south-east of the Vehar Lake.

Present sources of supply.

2. Before proceeding to describe the main features of the proposed scheme, it is necessary to state briefly the present position of the water-supply to the city.

Quantity per day.

3. The present supply is derived from the Vehar and Tulsi Lakes, and the mains leading from them discharge, when they are not restricted, about 11 millions and 4¾ millions of gallons daily, respectively.

Tulsi Lake.

4. The storage capacity and gathering ground of the Tulsi Lake are now such that over a series of years the Lake will be able to meet the demand. In other words, the maximum draw-off is not more than the yield of an average rain-fall This Lake cannot, however, with safety to itself be called upon to assist Vehar.

Vehar Lake.

5. The Vehar Lake is not nearly able to meet the demands now made upon it, and the demands made do not satisfy the wants of the people. The average storage in the Lake is about 900 millions of gallons per annum less than the annual loss by

evaporation and the present supply to the city. It may be asked, how has the Lake managed so far to keep up the supply ? The answer is, that the mean rain-fall for the last 7 years (1883—89) has been 22 per cent. in excess of that of the preceding 7 years (1876—82) and 9 per cent. in excess of the period 1861—89. This remarkably favourable rain-fall will not continue, and yet the Lake contained on the 31st October this year 2,000 millions of gallons less than on the 31st October, 1887. The rain-falls of the years 1888 and 1889 were respectively 6 per cent. below, and 4 per cent. above, the average. It will therefore, I think, be evident that Vehar is fairly established on the road to bankruptcy, and that to restore it to a sound condition involves either the curtailment of the draught upon it to the extent of 3 millions of gallons daily or an addition to its supply of a similar quantity.

Effect of curtailed supply.

6. A curtailment of 3 millions of gallons daily would produce a calamitous state of affairs in Bombay and must be avoided if possible.

Consequences of a minimum rain-fall in 1890.

7. So far the average only has been considered. Should it be our lot to have next year a minimum rain-fall, there would be an absolute water-famine in the hot season of 1891, which could not even practicably be met by condensing sea water.*

Result of a maximum rain-fall in 1890.

8. With these facts and possibilities before us, those who so choose may derive all the comfort and security possible from the further consideration that a maximum rain-fall next year would fill the Lake.

Suggested schemes for additional supply.

9. Four schemes to avert the possible calamity will be suggested. These are—

1. The expediting of the Tansa Works.
2. The utilization of the remaining portion of the Kenari Valley supply.
3. The utilization of the supply in the Ewúr or the Kamun Valleys.
4. The utilization of the supply in the Pawai Valley.

* The cost was estimated by Mr. Hawkes, whilst acting for me, at half a lakh of rupees per day, for 10 millions of gallons. This estimate allows nothing for purchase of plant, which would be 4 crores of rupees.

10. As to the completion of the Tansa Works, it appears that the earliest possible date by which the Contractors will now undertake to complete the duct is March 1892: even, I presume, if there should be no stoppage of work through an epidemic of cholera or by other unforeseen causes. Tansa will then be of no service in 1891, nor until far into the fair season of 1892.

Expediting Tansa Works.

11. The Kenari Valley is situated to the north of Vehar. There is but one good site for a dam, and above that site there was formerly a gathering ground of 5½ square miles. The construction of the Tulsi works, including the additional catch-water channels, has already utilized over 3 square miles. There now remain, therefore, barely 2½ square miles or 1,600 acres. To bring this water into Vehar by gravitation involves the construction of a dam 78 feet in height, and either an open duct about 8 miles long or a long tunnel. These works were estimated on a former occasion by Mr. Walton, then Executive Engineer on special duty, to cost 16½ lakhs of rupees. They certainly could not be completed before the monsoon of 1892. As an alternative to this gravitation duct, the water might be pumped into Tulsi, and thence flow down into Vehar. The lift would be from 220 T. H. D. (the stream level is at 203 T. H. D.) to 456·5 T. H. D. or 236·5 feet, and the works would be in a valley difficult of access for coal and stores, and also very unhealthy.

Kenari Valley.

I think these considerations, coupled with what follows on the Pawai project, will be found sufficient to decide that the Kenari Valley cannot afford the immediate assistance which is so desirable, not to say necessary.

12. Ewúr Valley is situated to the north-east of Tulsi Lake. I have never investigated this project nor been in the valley. I therefore summarize the scheme as prepared by Major Tulloch, R.E., (the then Executive Engineer) in 1871. The valley would yield 6½ million gallons per day. Two dams at least would be necessary to utilize the 2,720 acres of gathering ground The channel to Vehar would be about 6 miles long, unless the Tansa Duct could be utilized by the construction of a tunnel through the hills west of Thana. Major Tulloch's

Ewúr Valley.

estimate of the cost was 19 lakhs for the dams only and about 6 lakhs for duct and land. I think it would take 3 years at least to make this water available. This scheme is not, therefore, for the present emergency any more favourable than the Kenari scheme.

Kamun Valley.

13. Kamun is on the main land many miles away, and is a pumping project. It is out of the question as a relief in the present emergency, but may be examined in future years.

Pawai Valley recommended.

14. The only project by which an additional supply can be secured from June next year (1890) appears to me therefore to be the one set forth at the beginning of this report. The proposal is to obtain pumping plant for 8 millions of gallons per day to be fixed at the junction of the Pawai and Vehar Valleys; to intercept the flow equal to 8 millions of gallons daily for 180 days from the Pawai Valley by a masonry dam; and to use such a quantity of water annually as will suffice to make up the established deficiency of the Vehar Lake. The water to be pumped either direct into the main leading to Bhandarwada Reservoir, there to be filtered; into the Vehar filters or 24" main;* or into the Vehar Lake as may be found most economical and practicable, having regard to the quantity and quality of the water.

Objections to Pawai Project.

15. Before entering on the advantages of this project, I must deal with the objections which have been or will be raised against it:

a.—"*The proposed works are below Vehar. If the Vehar dams burst, these works would likewise perish.*" —This is the oldest objection to the construction of works below Vehar, and was urged 20 years ago against a proposal by Mr. Russel Aitken to construct a very large lake in this valley with earthen embankments. I believe no one has any serious apprehension as to the safety of any one of the three dams now; and this objection is not sufficient in my opinion to cause the rejection of the project if it should be found to be in other respects desirable.

* A portion of the water may be disposed of by gravitation through the 24" main.

b.—"*It will be necessary to acquire land for the construction of the works, which land is of considerable value.*"—This objection is a perfectly fair one ; land will certainly be required, and money will have to be paid for it.

c.—"*There is cultivated ground within the catchment area.*"—There is, and although there does not appear to be any manure used, yet I should prefer a catchment perfectly clean and free. The proposed purchase of the whole gathering ground will entirely remove this and the succeeding objection.

d.—"*There are several huts and the Pawai Bungalow within the catchment area.*"—This is correct ; the huts are very small and would go if the cultivation was stopped. The drainage of some huts can be diverted. The bungalow is not occupied. This objection is the only one which has any weight with me, and it can be entirely removed by the purchase of the structures. Even as it is, the risk of pollution is very small, but I should prefer to see it removed.

e.—"*After the arrival of the Tansa supply, there will be an abundance of water and these works will be useless.*"—Tansa is intended to deliver by the present development of it 17 millions of gallons per day. The above objection implies that 3 millions per day is to be appropriated to make up the deficiency of Vehar. The exact date *when* may be a matter of opinion, but undoubtedly the Tansa supply will have to be increased within a few years after its arrival, and at an expenditure of about 50 lakhs, in order to avoid a return to intermittent supply. The present project will postpone that time for some years, and this auxiliary supply will be at hand to assist during any temporary stoppage on the 40 miles of duct. When the Tansa supply is received, there will be under 30 gallons per head per day of the population to be supplied. A further reply to the assumed future uselessness of these works is given later on amongst the advantages of the works.

16. I will now state in as much detail as the surveys already completed will allow of what the features of the Pawai Project are, and the advantages it possesses. The Pawai Valley stream above its junction with the Vehar or Goper River drains about 1,800 acres, and at the point selected for the proposed dam 1,700 acres (calculated from the Topographical Survey Sheets). It is always a vexed question what the flow-off from a drainage area will be, and what the rain-fall will be. In this case, however, I think every one will be satisfied that I have not overestimated its capacity; because, in the first place, I have taken the average rain-fall at 78 inches as against the 81·59 inches actually recorded at Vehar over a 27 years' period, and that, whereas the yield of this 1,700 acres is taken at 4 millions of gallons per day only, the Tulsi gathering ground has for the last 10 years yielded $4\frac{1}{2}$ to $4\frac{3}{4}$ million gallons per day, with an area, until this year, of 1,714 acres only, and up to 1885 of 1,450 acres only. It has, moreover, overflowed slightly almost every year, but it must be remembered that the rain-fall has been favourable. The yield, therefore, from the Pawai Valley in an average monsoon would be 1,440 millions of gallons—a quantity amply sufficient to secure Vehar in an average* year, and consequently over a series of years also, with its present mains discharging at their maximum. The calculations upon which these statements are based are appended.

Capabilities of the Pawai Project.

17. With pumps capable of lifting 8 million gallons daily 100 feet high, that quantity could be placed either through the 32″ main direct to Bhandarwada Reservoir and there filtered, or into the Vehar Lake. In the former case, the 32″ main leading from the Lake would of course be closed during the period of pumping, which would be 180 days. 8 millions of gallons is the present supply through the 32″ main, and is 1 million gallons more than is delivered into Bhandarwada from Vehar. The additional 1 million gallons is obtained by delivering straight into the city. It will be understood now why a pumping plant of about 8 millions of gallons is

Capacity of pumps required.

* I lay stress on the word "average." Vehar would not overflow in a year of minimum rain-fall, but the 400 million gallons we should receive in a minimum year would be of the greatest value.

desirable, *viz.*, to make it equal to the maximum economical capacity of the 32″ main.

Capacity of Reservoir required.

18. For the period 15th June to 30th September, the streams might be taken to yield at least 8 million gallons daily, and in this period of 107 days, 856 millions of gallons would have been disposed of, either by supplying the city or by pumping into Vehar. The total quantity to be disposed of is 1,440 million gallons, and there would therefore be required a storage on the 15th October of 1,440 — 856 = 584 millions of gallons for the remaining 73 days of pumping.* A dam is therefore required to impound 584 millions of gallons.

Site for the dam.

19. The site for the dam is a very favourable one, and at the highest point, *i.e.* in the bed of the stream, will only require to be about 25 feet high. The top water level will then be at 190 T.H.D. or exactly the same as the Bhandarwada Reservoir. The level of the boards on the Vehar Waste Weir is 263·5 T.H.D. The exact height cannot be fixed until the contouring, which is now in progress, is completed; but I believe a dam at 190 T.H.D. will prove to be sufficient. The proposed dam is designed, however, to be raised to 195 T.H.D. for reasons which are stated later on in considering the partial use of the supply by gravitation.

I attach a drawing showing the cross section of the valley at the point selected for the dam. No trial-holes have been sunk, but a depth of 10 feet below the surface is taken as the foundation level, and the quantities are worked out on this assumption. The dam is proposed to be constructed of rubble masonry in 3 to 1 Portland cement mortar.† The cross section of the dam is shown on the drawing attached. It is to be 10 feet wide at the top, where over 15 feet high; and 5 feet wide under 15 feet high with the water face vertical, and a batter of 3 inches per foot on the back.

---

* If a portion of the collection was disposed of by gravitation, the quantity pumped and the days of pumping would be reduced, and also would enable the heavy floods to be better dealt with by keeping the Reservoir at a lower level.

† If it be found possible to obtain hydraulic lime of sufficiently good quality it will be used, and there would be a consequent saving on the estimate.

Site for the Pumping Station.

20. The site for the pumping station is selected near the Vehar-Saki Road, and subsidiary arrangements may be made for utilizing the monsoon flow from the Vehar Valley above this point, as well as the perennial stream made up of the soakage from the Lake. These, together, would yield about ½ million gallons per day. By the construction of a dam, this quantity would be increased to 800,000 gallons per day, or 290 millions of gallons per annum. For the present season, however, I do not now propose the erection of a permanent dam in the Main Vehar Valley, and in the estimates neither the water which can be so obtained nor the cost of obtaining it are included. I have added a supplementary estimate amounting to Rs. 23,000 for this dam.

Mr. Carroll's suggested modifications.

21. I must here deal with the modification of the above scheme suggested by Mr. Carroll, which is to obtain immediately sufficient pumping plant to lift the whole of the water during the monsoon season, so as to avoid the construction of a dam beyond that to impound a week's supply of the capacity of the pumps.

Requirements in a heavy flood.

22. The drainage area, as stated above, is 1,700 acres. A rainfall of 18 inches in one week is an ordinary experience. In such cases the flow-off is 80 per cent. of the rain-fall, and the quantity would be 645 million gallons. If it be proposed to have pumps to lift one-half of this quantity, they would have to be of a capacity of 46 millions of gallons daily, and the dam would have to impound 322 millions of gallons to afford a week's supply. The cost of the pumps alone would be 6½ lakhs of rupees, and the mains would require to be two of 48 inches, each costing 3 lakhs of rupees. It will be readily seen that a large dam is absolutely essential to any economical working of a stream like this, which passes a great part of its total flow in a few days of heavy floods. I append tables extracted from the Water Works Administration Report of 1887-88. There are tables of weekly rainfall at Vehar for 27 years, and an analysis of rainfall and collection at Vehar and Tulsi in 1887. These tables would support a proposal to increase the capacity of the proposed dam, and its section is so designed that it may be raised 5 feet at any time.

23. Unless some definite maximum be fixed to the capacity of the pumps, it is not practicable to say how much water would be collected in a dam of one week's supply, but the rise and fall of all streams in this locality is remarkably rapid, and to utilize a fair percentage of the flow by immediate pumping will involve a very large initial expenditure for pumps and pipes. The loss on the re-sale of these would undoubtedly be greater than the total cost of the dam and the purchase of the necessary land, both of which latter would be permanently useful.

Streams not favourable to immediate pumping.

24. To exemplify the matter still further: To secure the desired result, I have above proposed pumps lifting 8 millions per day and a dam impounding 584 millions of gallons. If this 584 millions be added to the pumping of 107 days, we should have just over 5 million gallons daily to add to the pumping plant—an increase of over 60 per cent.,—and the dam would have to impound for one week's supply 91 millions of gallons. The saving on the dam would be about Rs. 30,000, and the additional expenditure on pumps would be Rs. 70,000.

Cost of pumps for 13 millions per day.

The pumping main would require to be increased by 60 per cent. carrying capacity and at a cost of Rs. 60,000, in order to avoid an increase in the cost of pumping per million gallons. Additional pumps would of course involve additional houses for them and an addition to the staff for working them. I cannot, therefore, recommend that the dam be dispensed with. I should rather favour its increase even with 8 million gallon pumps for reasons which will appear when we consider the project as an independent lower level supply for Kurla and the northern parts of Bombay Island or for irrigation purposes.

Proposals recommended.

25. The proposals recommended are therefore :—

1. The construction of a masonry dam with the top water level at 190 T. H. D. and the draw-off at 170 T. H. D. The capacity of the Reservoir to be approximately 580 millions of gallons and its area about 450 acres.
2. The provision of two Worthington Triple Expansion Pumping Engines with Babcock's

146

Boilers. Each pump to be capable of lifting 4 millions of gallons per day 100 feet high.

3. The building of suitable houses for the protection of the machinery.
4. The laying of a 48″ main to join the new dam, the pumping station, and the existing 32″ Vehar Main, with connections to the Vehar 24″ main, Vehar Filters, and Vehar Lake. The 48″ main must in any case be laid shortly to join Vehar Lake and the Tansa Main, and this portion will serve both purposes. For the present scheme the expenditure need only have been about Rs. 60,000.
5. The acquisition of the gathering ground of 1,950 acres with the huts, &c., and timber thereon; also of the land on the west of the Vehar-Saki Road required for the connections to the existing pipe lines.
6. The arrangement of the Pumping Station, so that at any time the additional supply in the Vehar Main Valley could be taken; in which case the land also should be acquired. A supplementary estimate is given, amounting to Rs. 23,000 for works.

Approximate estimates.

26. It has not yet been possible to prepare detailed drawings and estimates for each of these proposals; what follows must therefore be taken to be approximate in detail, but sufficiently accurate in the total to guide the Corporation in discussing the project. The details of quantities, &c., so far as ascertained, are appended,* and may be referred to.

The approximate cost is estimated as follows :—

		Rs.
1.	Masonry Dam, complete	97,400
† 2.	Pumping Engines and Boilers	90,000
	Erection of do. do.	22,500
3.	Engine-houses, &c.	50,000
4.	New Mains	1,00,000
		3,59,900
	Contingencies & Establishment, 20 per cent.	71,980
	Total for Works...	Rs. 4,31,880

* Not printed.

† The tender is for £4,720; but for the very urgent delivery we require £5,900. The higher figure is provided for.

5.	Land, 1,950 acres	
6.	Dam and subsidiary arrangements in Main Vehar Valley	23,000
7.	Land, 550 acres	

Summary of Estimates.

	Rs.
Pawai Valley Works	4,31,880
Vehar Valley Works	23,000
Total...Rs.	4,54,880

Why a masonry dam?

27. A masonry dam is selected principally for 3 reasons:—

1. The site and geological formation are more suitable for a masonry than an earthen dam.
2. A masonry dam can, without danger, be left incomplete and yet pass the monsoon floods in safety.
3. An earthen dam would involve the construction in another place of a waste weir. The masonry dam will be its own waste weir, the same as at Tansa.

Why Worthington pumps selected.

28. As to the pumps, it might have been thought desirable under usual circumstances to obtain by public advertisement designs and tenders from all well-known makers. In this case, however, it has been necessary for me to select the type, and I must therefore state that I believe the Worthington Triple Expansion Engines with Babcock's Boilers, which it is proposed to obtain, are for this case by far the most suitable ; they will be very economical in working ; they are comparatively simple in construction, and very compact. During my recent tour I have visited 38 pumping stations, and have seen several Worthingtons at work, and have had opportunities of discussing their merits with several Engineers.*

Makers in England.

29. They have recently been adopted in several cases in England. The celebrated Engine Builders, Messrs. Simpson & Co., Pimlico, London, have obtained the sole right to make these engines in England.

* I propose, in submitting a Report on Filtration, to append a list of gentlemen to whom I am indebted for many courtesies received.

30. At Sydney, in Australia, I found these pumps being erected for 15 millions of gallons daily, and I extract the following paragraph from the report of Mr. Trevor Jones, the Engineer of the Water Board:—

Adopted for Sydney.

"The type of engines recommended were the Worthington Direct-Acting Duplex Compound Condensing, fitted with compensating cylinders of 150 H. P. to be accompanied with a battery of Babcock & Wilcox Boilers.

"My report was referred to Mr. Darley,* who in an exhaustive memorandum, while agreeing as to the type of both engines and boilers, advised that they should be of larger dimensions and more powerful.

"The Board agreed, on account of the urgent necessity of immediately replacing the old and worn-out plant and to obviate the inconvenience that would be entailed by a breakdown, to order the larger type of engines and boilers direct from the makers through the Agent-General; the same to be inspected and approved by Sir John Fowler, the Government Consulting Engineer in England.

"A letter was afterwards received from the latter gentleman, highly approving of the Board's selection with reference to both engines and boilers.

* * * *

"It is anticipated that, for effectiveness and economy of working and economy of space occupied, they will excel anything of the kind in Australia."

31. This type has also been adopted recently by the Calcutta Corporation, and I here insert for convenience sake a copy of the telegram received by you from the Chairman, Calcutta Corporation, in response to your request for particulars:—

Adopted for Calcutta.

"Worthington engines; only part ordered; not put up. Engineer very satisfied with his inspection in England."

32. This type was also selected by the West Middlesex Water Company for the latest addition to their plant. The engines in this case are for 17 million gallons per day, and have given most satisfactory results. Professor Unwin

Adopted by West Middlesex and other Water Companies.

* Mr. Cecil Darley, M. Inst. C.E., Chief Engineer, Harbours and River, Government of New South Wales.

certified the duty on trials at 106 millions of foot pounds for 112 lbs. of coal used.

Mr. W. B. Bryan, M. Inst. C. E., M. I. M. E., Engineer of the East London Water Company, says: "It appeared to him that one of the most perfect engines for pumping direct into the mains was the High Duty Worthington Engine in which the steam used was exactly proportioned to the weight of water to be lifted."*

These engines have also been adopted by the New River Company, the East London Company, and the West Surrey Company.

Largely used in the United States of America.

33. In the United States the installations are "too numerous to mention." Many portions of America are absolutely dependent upon pumping for their supplies, the physical configuration of the country affording no facilities for gravitation works. The Worthington Company have built more than any other single firm.

In the New England States there are 62 Worthingtons against 120 of all other types.†

In the Middle States 133 Worthingtons against 271 of all other types.

In the North Central States 85 against 421, and in the United States alone these engines have a pumping capacity of 871 millions of gallons per day.

The city of Philadelphia is worthy of special notice. The total daily pumping capacity is 183,300,000 gallons, and of that the Worthington pumps furnish 77 millions. In one house at the Spring Gardens Works are 2 pumps, each of 15 millions of gallons capacity.

At Boston, I may also mention, there are two engines used for lifting the storm-water. They are designed to lift 50 millions of gallons daily 43 feet high.

There can, therefore, be no question of the extensive and extending use of this type of engine, and I can confidently recommend it in this case.

---

* Excerpt, Proceedings, Inst. M. E., 1887, page 133.

† These statistics are extracted from "Manual of American Water Works, 1888."

34. The acquisition of the whole of the drainage area will effectually remove the objections of possible pollution from cultivation and dwellings, and no doubt the property will be saleable if at any future time the Corporation may desire to sell it, and in the meantime will continue to yield considerable revenue from the sale of grass. I am of opinion, however, that this project has so much in its favour, not only as the one means of preventing, if possible, but certainly of mitigating, a water-famine and helping us along until the arrival of the Tansa water, but also as a permanent auxiliary that I should regard it as a permanent supply and act on that assumption.

Advantages of acquiring gathering ground.

35. I shall show later on that the cost of the water delivered into the existing mains and through them, either into Bombay direct or into Vehar, will not exceed 1 anna per 1,000 gallons. It will therefore be a cheap supply; it will serve to replenish Vehar whenever required; it can be utilized temporarily to assist Tansa in case of accidents along the line of duct, or it can be utilized as suggested by you for an independent gravitation supply for Kurla and the northern parts of the Island through the existing 24″ main in lieu of drawing upon Vehar. Failing all these, I have no doubt the water could be profitably used for irrigation in the valley below the dam.

Advantages of the scheme.

36. This pumping scheme has advantages over any gravitation scheme in that the first cost is very much lower and the second cost—fuel, &c.—will only be incurred when the water is actually required, whereas the interest on capital invested must always be paid whether the water be needed or not.

Advantages of a pumping over a gravitation scheme.

37. With reference to the modification proposed by Major Selby, *i.e.*, to supply the existing 24″ main from the new Reservoir by gravitation, and so stop the draught on Vehar on account of this main, I have only to observe that it is quite practicable; the head would thereby be reduced by 65 feet and the discharging capacity from 4,594,000 gallons per day to 2,600,000 gallons per day. The water would also be unfiltered. As against these dis-

Can be used partially by gravitation.

advantages I would point out that it could be so arranged, and it would probably be most convenient also, to supply the 24″ main in this manner during the monsoon. It is much easier then to maintain pressure in the districts of supply than in the hot season, and the flood water would probably be of good quality. I need not point out that all the calculations are based on the water in the new Reservoir being at a low level; so long as the Reservoir was full, or approximately full, there would be an increased head of about 10 feet and a correspondingly increased discharging capacity.

Pumps should also be provided in addition to gravitation main.

38. Whilst, therefore, subject to being supplied unfiltered and at a lower pressure, this scheme is capable of being worked as a gravitation system through the existing 24″ main, I still recommend that the pumps be obtained, because—

If used as a gravitation scheme only, the Reservoir would have to be enlarged, and about 50 per cent. of the total quantity of water collected would be lost in evaporation from the water surface. If, however, the water be quickly disposed of by pumping into the 32″ main, the above loss from evaporation would be saved and the cost of pumping is only about ½ of an anna per 1,000 gallons.

In practical working pumping will be avoided as far as possible.

39. In the actual working of the scheme it will, of course, be a point for constant attention how far the expense on coal, &c., can be obviated, but at the present time and for the purposes immediately in view, I have no hesitation in urging that pumps should be obtained for 8 millions of gallons daily. The extra first cost will be recouped by the additional power they will give to utilize the heavier floods.

Effect of this additional supply on the capabilities of Vehar.

40. I think it well to repeat that even this scheme will not insure Vehar being filled in a year of minimum rain-fall, but that it will make Vehar safe over a series of years for the maximum draw-off through the present mains. There is, generally speaking, no object in securing that a storage (reserve) lake shall overflow every year ; but in this particular case there is this temporary difficulty, that we may

152

have next year a minimum rain-fall with an already comparatively depleted storage. The position is a decidedly uncomfortable one, and if the worst as to rain-fall should be realized next year, the additional supply proposed to be obtained by this scheme (and which would be in a minimum year about 400 millions of gallons), would, as the saying is, "be worth its weight in gold."

Annual charges.

41. The annual expenses will be approximately as follow :—

	Monthly.	Annum.	Rs.
Interest and Sinking Fund, 6 per cent. on 7 lakhs.			42,000
Repairs and depreciation on Rs. 1,62,500 (machinery and buildings), at 5 per cent.			8,125
Establishment—			
Engineer...	300		
2nd Engineer	100		
8 Firemen, at Rs. 20 ...	160		
		6,720	
Taken at $\frac{2}{3}$: actual service about half the year...			4,480
Stores, 180 days, Rs. 10			1,800
Coal, 5 tons per day, for 180 days, 900 tons, at Rs. 30 per ton delivered			27,000
Miscellaneous and Contingencies...			2,000
			85,405
Deduct for sale of grass, &c....			5,405
Net cost per annum			80,000

The quantity of water to be made available is 1,440 million gallons. The cost per 1,000 gallons will be $\frac{80,000 \times 16}{1,440,000} = \frac{8}{9}$ of an anna, or say 11 pies. Having regard to the proposed utilization of a portion of the water by gravitation and without any expense for pumping, and the fact that, whenever the Reservoir is full, the head to pump against will be reduced about 20 per cent., I believe the estimates are liberal. For convenience, the cost may be taken at 1 anna per 1,000 gallons.

I have the honour to be,

Sir,

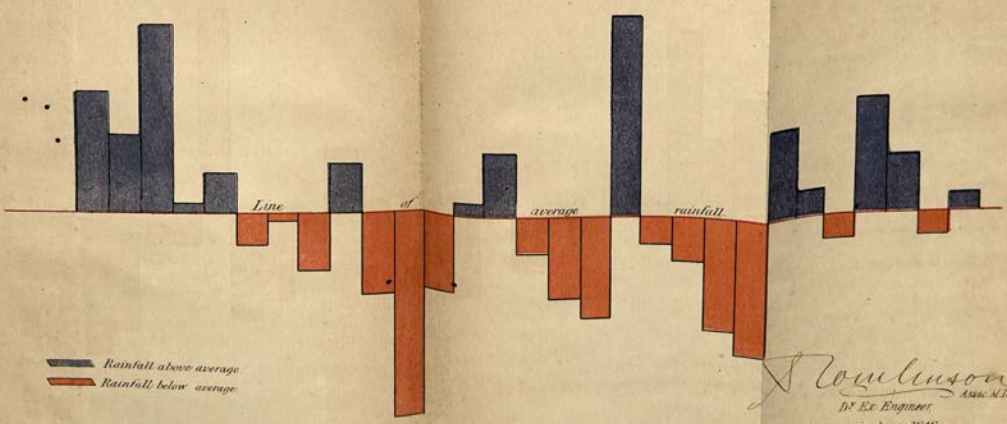
Your obedient servant,

S. TOMLINSON, Assoc. M. Inst. C.E.,

M. Am. W. W. Assn., F. R. Met. Soc.

19*th November*, 1889.

DIAGRAM OF RAINFALL FROM 1861 TO 1889 IN THE YEHAR LAKE VALLEY.



Rainfall compared with average = 1·00

YEAR.	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
	1·28	1·18	1·44	1·02	1·09	·92	·98	·86	1·12	·80	·50	·81	1·03	1·15	·91	·80	·77	1·48	·93	·89	·72	·67	1·22	1·07	·94	1·28	1·14	·94	1·04

Assoc. M. Inst. C.E.
Dy. Ex. Engineer
in charge W.W.

Table No. 1.

VEHAR LAKE.

Showing the annual Gains and Losses of the Lake.

YEAR.	GAIN.							YEAR.	LOSS.			REMARKS.
	Storage, 31st May.		Storage, 31st October.		Net Gain at the end of Monsoon.	RAIN-FALL.			Storage, 31st Oct.	Storage, 31st May.	Loss during dry season.	
	T. H. D.	Gallons in millions.	T. H. D.	Gallons in millions.	Gallons in millions.	Inches.	Ratio on average.		Gallons in millions.	Gallons in millions.	Gallons in millions.	
1881 ...	249·60	6,892	257·30	9,292	2,400	59·10	·72	1881-82 ...	9,292	6,078	3,214	
1882 ...	246·60	6,078	253·90	8,187	2,109	54·63	·67	1882-83 ...	8,187	5,350	2,837	
1883 ...	243·70	5,350	262·30	10,992	5,642	99·54	1·22	1883-84 ...	10,992	7,683	3,309	
1884 ...	252·30	7,683	262·10	10,921	3,238	87·65	1·07	1884-85 ...	10,921	7,746	3,175	
1885 ...	252·50	7,746	260·90	10,505	2,759	76·35	·94	1885-86 ..	10,505	7,035	3,470	
1886 ...	250·10	7,035	262·50	11,065	4,030	104·65	1·28	1886-87 ...	11,065	7,091	3,974	Loss per day 18·74 million gallons.
1887 ...	250·30	7,091	261·40	10,672	3,581	92·86	1·14	1887-88 ...	10,672	6,836	3,836	„ „ 18·00 „ „
1888 ...	249·40	6,836	257·10	9,225	2,389	76·71	·94	1888-89 ...	9,225	5,472	3,753	„ „ 17·70 „ „
1889 ...	244·20	5,472	255·40	8,658	3,186	85·24	1·04	1889-90 ...	8,658	.....	.....	
							9·02					
					3,259		1·10					

Table No. 2.

Shewing Annual Yield of the Pawaï Gathering Ground.

Area of Gathering Ground, including Reservoir ..... 1,700 acres.
Average rain-fall, say ..... 78 inches.
The average rain-fall at Vehar for the period 1861—1887, was 81·59 inches.
The collection (run off) in a year of average rain-fall is taken at 50 per cent. of the rain-fall.
The collection in a year of minimum rain-fall is taken at 25 per cent. of the rain-fall.
One inch in depth of rain over 1,700 acres is—

Acres.		Sq. feet.		Rain-fall.		Gallons.		Gallons.
1,700	×	43,560	×	1 / 12	×	6·25	=	38,568,000

Gallons.
In an average year the collection will be ½ × 38,568,000 = 1,504,152,000
This is assumed in calculations in the report to be only 1,440,000,000
or 4 millions of gallons daily for 180 days.

In a year of minimum rain-fall, the depth would be 39 inches only, and the collection only 25 per cent., or, 9·75 inches.

The quantity collected would be—

							Gallons.
1,700	×	43,560	×	9·75 / 12	×	6·25	= 376,038,000

Shewing the Annual Yield of the Vehar or Goper Valley above the site of the Pumping Station.

Area of Gathering Ground ..... 300 acres.
Average rain-fall ..... 78 inches.
Collection in a year of average rainfall = 39 inches or 50 per cent. of rain-fall.
Do. do. minimum do. = 9·75 „ 25 „ „ of 39 inches

In an average year the collection would be—

Acres.		sq. ft. per acre.		R'fall ft.		Gal. to c. ft.		Gallons.
300	×	43,650	×	39 / 12	×	6·25	=	265,443,750

In this case there is to add the perennial flow due to the soakage from Vehar at 250,000 gallons per day, or say, per annum 90,000,000

Total 355,443,750

This quantity is taken in the reports at 290 millions of gallons thereby allowing for heavy floods which might be lost by overflow of the dam.

Table No. 3.

Shewing run off from the Pawai Gathering Ground in the Highest Flood.

Area above dam	1,700 acres.
Rain-fall	2 ins. in one hour.
Proportion flowing off	All.

Dam assumed to be full at commencement of flood.

The flow-off in one hour would be—

$$\frac{1{,}700 \times 43{,}560 \times 2 \times 6{\cdot}25}{12} = \begin{cases} \text{Gallons.} \\ 77{,}137{,}500 \text{ or} \\ 12{,}342{,}000 \text{ c. ft.} \end{cases}$$

The Reservoir at top water-level will be about 450 acres in area, one inch in depth will contain 1,633,500 cubic feet.

A rise of 6 inches would therefore store 9,801,000 cubic feet, leaving 2,541,000 cubic feet to pass over the dam.

The dam overfall is 580 feet in length, and the required quantity will be discharged by a depth of 6 inches, which would discharge according to Tables for a weir 2,632,620 cubic feet per hour.

Table No. 4.

Shewing run off from the Pawai Gathering Ground in one Week with a Rain-fall of 18 inches.

Area of gathering ground	1,700 acres.
Rain-fall	18 ins. in 7 days.
Proportion flowing off	80 per cent.

The flow, off would be—

$$\frac{1{,}700 \times 43{,}560 \times 18 \times {\cdot}8 \times 6{\cdot}25}{12} = \underset{\text{Gallons.}}{645{,}390{,}000}$$

To dispose of this quantity in one week by pumping and storing in equal parts would require a Reservoir containing 322 millions of gallons and pumps of $\frac{322}{7} = 46$ million gallons daily capacity.

LIBRARY OF THE ROYAL SOCIETY

Table No. 5.

APPROXIMATE Capacity of Vehar Lake. Gathering Ground above the Lake, including Catch-Water Channels (450 acres), 2,500 acres.

Level Town Hall Datum.	Remarks.	Contents in Millions of Gallons.
268·50	Top of Main Embankment	.....
268·50	Top of planks on Waste Weir	11,425
262·50	Top of Masonry of Waste Weir = 59 on old gauge ...	11,065
261·50	Area of water surface 1,400 acres	10,705
260·50	.....	10,369
259·50	.....	10,052
258·50	.....	9,696
257·50	.....	9,359
256·50	Area of water surface 1,242 acres	9,023
255·50	Do. do. 1,214 „	8,690
254·50	No. 4 Inlet to Tower	8,375
253·50	.....	8,061
252·50	.....	7,746
251·50	Area of water surface 1,102 acres	7,432
250·50	.....	7,148
249·50	Approximate level at commencement of Monsoon if Lake filled in the previous October	6,864
248·50		6,580
247·50	.....	6,307
246·50	No. 3 Inlet to Tower	6,053
245·50	.....	5,800
244·50	.....	5,546
243·50	.....	5,301
242·50	Coping of Filters at Vehar is 243 T. H. D.	5,073
241·50	.....	4,845
240·50	.....	4,617
239·50	.....	4,395
238·50	No. 2 Inlet to Tower	4,187
237·50	.....	3,979
236·50	Bottom of Channel leading from the Lake to the Tower 236 T. H. D.	3,771
235·50	.....	3,570
234·50	.....	3,382
233·50	.....	3,194
232·50	.....	3,006
231·50	.....	2,825
230·50	No. 1 or lowest Inlet to Tower	2,659
229·50	.....	2,493
228·50	.....	2,327
227·50	.....	2,168
226·50	.....	2,024
225·50	.....	1,881
224·50	.....	1,788
223·50	.....	1,602
222·50	Foundation level of Tower	1,481
221·50	.....	1,361
220·50	.....	1,240
219·50	.....	1,128

Table No. 5—*contd.*

Level Town Hall Datum.	Remarks.	Contents in Millions of Gallons.
218·50	.....	1,033
217·50	.....	938
216·50	.....	843
215·50	.....	756
214·50	.....	686
213·50	.....	615
212·50	.....	545
211·50	.....	481
210·50	.....	431
209·50	.....	381
208·50	.....	332
207·50	.....	288
206·50	.....	255
205·50	.....	228
204·50	Bottom of pipe from Tower 204·33 T. H. D.	190
203·50	Bottom of Concrete 199·00 „	158
	„ „ Iron Cylinder 201·00 „	.....
	Top Water Level Bhandarwada Reservoir 190 T. H. D..	.....

Table No. 6.

APPROXIMATE Capacity of Tulsi Lake. Gathering Ground, including Catch-Water Channels (470 acres), 1,700 acres.

Level Town Hall Datum.	Area of Surface of Water in acres.	Remarks.	Contents in Millions of Gallons.
456·50	331	Level of Waste Weir as raised 1885	2,305·6
456·00	...	.....	2,260·0
455·00	...	.....	2,173·0
454·00	...	.....	2,087·0
453·00	...	.....	2,002·0
452·50	303	Waste Weir level after first raising	1,960·4
452·00	...	.....	1,991·0
451·00	...	.....	1,842·0
450·00	...	.....	1,763·0
449·00	...	.....	1,684·0
448·00	...	.....	1,605·0
447·00	...	.....	1,527·9
446·00	272	Waste Weir level as originally built	1,490·8
446·00	...	.....	1,453·7
445·00	...	.....	1,381·4

Table No. 6—*contd.*

Level Town Hall Datum.	Area of Surface of Water in acres.	Remarks.	Contents in Millions of Gallons.
444·00	...	.....	1,811·0
443·00	...	.....	1,242·0
442·00	...	.....	1,175·5
441·00	...	.....	1,110·4
440·00	229	.....	1,047·8
439·00	...	.....	986·0
438·00	...	.....	926·5
437·00	...	.....	868·9
436·00	...	.....	813·3
435·00	194	.....	759·4
434·00	...	.....	707·8
433·00	...	.....	658·6
432·00	...	.....	611·9
431·00	...	.....	567·4
430·00	150	.....	525·4
429·00	...	.....	485·5
428·00	...	.....	447·5
427·00	...	.....	411·4
426·00	...	.....	377·3
425·00	114	.....	345·3
424·00	...	.....	315·0
423·00	...	.....	286·3
422·00	...	.....	259·1
421·00	...	.....	233·6
420·00	85	.....	209·7
419·00	...	.....	187·4
418·00	...	.....	166·7
417·00	...	.....	147·6
416·00	...	.....	131·1
415·00	55	.....	114·3
414·00	...	.....	99·8
413·00	...	.....	86·5
412·00	...	.....	74·3
411·00	...	.....	63·2
410·00	34	.....	53·2
409·00	...	.....	44·3
408·00	...	.....	36·2
407·00	...	.....	29·1
406·00	...	.....	23·2
405·00	18	.....	17·9
404·00	...	.....	13·4
403·00	...	.....	9·4
402·00	...	.....	6·0
401·00	...	.....	3·2
400·00	7	.....	1·1
399·86	6	Lip of lowest inlet to Tower = 00 of old gauge...	0·0

Table No. 7,

VEHAR LAKE.

Rain-fall on, and flow of Water from, Gathering Ground, in July, 1887.

1	2		3	4		5		6		7		8	9	10	11
1887.	Rain-fall.		Volume of Rain-fall on the Gathering Ground of 2,900 acres 1"=65,583·210 Gallons.	Height of Water in the Lake.		Rise of Water in the Lake.		Deduct Rain-fall on Lake.		Net rise of Water in the Lake.		Net Increase.	Add for leakage and supply to City.	Total Increase =volume collected.	Percentage of volume collected to volume of Rain-fall= Col. 10. / Col. 3.
	Ins.	Cts.		Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Ft.	Cts.				
July 2		25	16,396,000	252	90										
3	8	15	534,503,000	..	..										
4	7	66	502,367,000	256	30	3	40	1	34	2	06	766,000,000	11 Millions..	777,000,000	
5	4	37	286,599,000	257	40	1	10		36		74	249,000,000	,, ..	260,000,000	
6	2	18	142,971,000	258	00		60		18		42	142,000,000	,, ..	153,000,000	
7	2	41	158,056,000	258	70		70		20		50	168,000,000	,, ..	179,000,000	
8	2	10	137,725,000	259	30		60		18		42	142,000,000	,, ..	153,000,000	
9	1	02	66,895,000	259	70		40		09		31	104,000,000	,, ..	115,000,000	
10	0	57	37,382,000	259	80		10		05		05	17,000,000	,, ..	28,000,000	
11	0	54	35,415,000	260	00		20		05		15	51,000,000	,, ..	62,000,000	
	29	25	1,918,309,000											1,727,000,000	90
12		18	11,805,000	260	00		00		02		−02	−7,000,000	,, ..	4,000,000	
13		41	26,889,000	260	10		10		03		07	24,000,000	,, ..	33,000,000	
14		60	39,350,000	260	10		00		05		−05	−17,000,000	,, ..	−6,000,000	
15		17	11,149,000	260	20		10		01		09	30,000,000	,, ..	41,000,000	
16		51	33,447,000	260	20		00		04		−04	−14,000,000	,, ..	−30,00,000	
17		35	22,954,000	260	20		00		03		−03	−10,000,000	,, ..	1,000,000	
18		11	7,214,000	260	20		00		01		−01	−3,000,000	,, ..	8,000,000	
19		19	12,461,000	260	20		00		02		−02	−7,000,000	,, ..	4,000,000	
20		45	29,512,000	260	20		00		04		−04	−14,000,000	,, ..	−3,000,000	
21		00	00,000,000	260	20		00		00		+00	00,000,000	,, ..	11,000,000	
22		52	34,103,000	260	20		00		04		−04	−14,000,000	,, ..	−3,000,000	
23		21	13,772,000	260	20		00		02		−02	−7,000,000	,, ..	4,000,000	
Tulsi overflowed on 25th and brought an unknown quantity of water into Vehar Lake.	3	70	242,656,000											91,000,000	37·5

Table No. 7.—*contd.*

TULSI LAKE.

Rain-fall on, and flow of water from, Gathering Ground in June and July, 1887.

1	2		3	4		5		6		7		8	9	10	11
1887.	Rain-fall.		Volume of Rain-fall on the gathering ground of 1,450 acres 1"=32,792,000 gallons.	Height of water in the Lake.		Rise of water in the Lake.		Deduct Rain-fall on Lake		Net rise of water in the Lake.		Net increase.	Add for leakage and supply to City.	Total Increase=Volume collected.	Percentage of volume collected to volume of Rain-fall=Col. 10 / Col 8.
	Ins.	Cts.		Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Gallons.	Gallons.	Gallons.	
Monsoon burst June 5				436	20										
6 ..	2	87	28,529,000	436	70		00		07		—03	—1,668,000	6½ Millions.	3,832,000	
7 ..		69	88,210,000	436	50		30		22		08	4,418,000	" ..	9,948,000	
8 ..		00	.....	436	40		—10		00		—10	—5,560,000	" ..	—60,000	
9 ..		00	.....	436	30		—10		00		—10	—5,560,000	" ..	—60,000	
10 ..		00	.....	436	20		—10		00		—10	—5,560,000	" ..	—60,000	
11 ..	3	28	9,181,000	436	10		—10		02		—12	—6,672,000	" ..	—1,172,000	
12 ..		10	101,655,000	436	50		40		26		14	7,784,000	" ..	13,784,000	
13 ..		29	9,509,000	436	40		—10		02		—12	—6,672,000	" ..	—1,172,000	
14 ..		00	.....	436	30		—10		00		—10	—5,560,000	" ..	—60,000	
15 ..	3	90	127,889,000	436	70		40		33		07	3,955,000	" ..	9,455,000	
16 ..	3	46	113,461,000	437	60		90		29		61	34,465,000	" ..	39,965,000	
17 ..	1	47	48,204,000	438	00		40		12		28	16,128,000	" ..	21,628,000	
18 ..		18	5,902,000	438	10		10		02		08	4,608,000	" ..	10,108,000	
19 ..		00	.....	438	00		—10		00		—10	—5,760,000	" ..	—260,000	
20 ..		00	.....	437	90		—10		00		—10	—5,760,000	" ..	—260,000	
21 ..		00	.....	437	90		+00		00		00	0,000,000	" ..	5,500,000	
22 ..		14	4,591,000	437	80		—10		01		—11	—6,336,000	" ..	—836,000	
23 ..		00	.....	437	70		—10		00		—10	—5,700,000	" ..	—200,000	
24 ..		34	11,150,000	437	60		—10		03		—13	—7,358,000	" ..	—1,858,000	
25 ..	1	37	44,925,000	437	70		10		11		—01	—576,000	" ..	4,924,000	
26 ..	2	55	83,620,000	438	80	1	10		21		89	52,955,000	" ..	58,455,000	
27 ..	1	19	39,022,000	439	30		50		10		40	24,520,000	" ..	30,020,000	
28 ..		00	.....	439	30		+00		00		00	0,000,000	" ..	5,500,000	
29 ..		47	15,412,000	439	40		10		04		06	3,678,000	" ..	9,178,000	
30 ..	1	42	46,565,000	439	60		20		12		08	4,904000	" ..	10,404,000	
	23	72	777,825,000											226,203,000	29 %

1	2		3	4		5		6		7		8	9	10	11
1887.	Rainfall.		Volume of Rainfall on the gathering ground of 1450 acres, 1′=32,792 000 gallons.	Height of water in the Lake.		Rise of water in Lake.		Deduct Rainfall on Lake.		Net rise of water in the Lake.		Net increase.	Add for leakage and supply to City.	Total increase = Volume collected	Percentage of volume collected to volume of Rainfall. Col. 10. / Col. 3.
	Ins.	Cts.		Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Ft.	Cts.	Gallons.	Gallons.	Gallons.	
July 1 ..	0	00		439	70		10		00		10	6,130,000	5½ Millions..	11,630,000	
2 ..	0	00		439	80		10		00		10	6,130,000	,, ..	11,630,000	
3 ..	5	75	188,554,000	442	60	2	80		48	2	32	149,580,000	,, ..	155,080,000	
4 ..	5	95	195,113,000	444	90	2	30		50	1	80	125,320,000	,, ..	130,820,000	
5 ..	5	45	178,717,000	447	40	2	50		45	2	05	150,250,000	,, ..	155,750,000	
6 ..	2	08	67,551,000	448	90	1	50		17	1	33	104,250,000	,, ..	109,750,000	
7 ..	3	10	101,655,000	450	40	1	50		26	1	24	97,960,000	,, ..	103,460,000	
8 ..	3	13	102,639,000	452	00	1	60		26	1	34	105,860,000	,, ..	111,360,000	
9 ..	1	08	35,415,000	452	00	1	00		09		91	73,710,000	,, ..	78,210,000	
10 ..		32	10,494,000	452	50		50		03		47	39,950,000	,, ..	45,450,000	
11 ..		24	7,870,000	452	70		20		02		18	15,300,000	,, ..	20,800,000	
12 ..		33	10,822,000	453	80		10		03		07	5,950,000	,, ..	11,450,000	
13 ..		40	13,117,000	453	90		10		03		07	5,950,000	,, ..	11,450,000	
14 ..		68	22,298,000	454	10		20		06		14	11,900,000	,, ..	17,400 000	
15 ..		12	3,935,000	454	10		00		01		—01	—860,000	,, ..	4,640,000	
16 ..		71	23,282,000	454	10		00		06		—06	—5,160,000	,, ..	840,000	
17 ..		76	24,921,000	454	20		10		06		04	3,440,000	,, ..	8,940,000	
18 ..		31	10,166,000	454	50		30		03		27	23,220,000	,, ..	28,720,000	
19 ..		00		454	60		10		00		10	8,600,000	,, ..	14,100,000	
20 ..		33	10,822,000	454	60		00		03		—03	—2,580,000	,, ..	2,920,000	
21 ..		00		454	60		00		00		00	0,000,000	,, ..	5,500,000	
22 ..		22	72,140,000	454	60		00		02		—02	—1,720,000	,, ..	3,780,000	
23 ..		29	9,509,000	454	60		00		02		—02	—1,720,000	,, ..	3,780,000	
24 ..	2	23	73,126,000	445	00		40		19		21	18,060,000	,, ..	23,560,000	
Lake overflowed July 25th, 1887.															
	33	46	1,097,220,000											1,071,520,000	97·7

Table No. 8.

Shewing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1861.					1862.					1863.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
5 January	256	25	..	..	4 January	259	10	..	..	3 January	257	90	..	..
12 "	255	95	..	..	11 "	258	80	..	..	10 "	257	70	..	..
19 "	255	60	..	..	18 "	258	60	..	..	17 "	257	50	..	..
26 "	255	40	..	..	25 "	258	30	..	..	24 "	257	30	..	..
2 Feb. ..	255	10	..	..	1 Feb. ..	258	10	..	..	31 "	257	00	..	..
9 " ..	254	90	..	..	8 " ..	257	90	..	..	7 Feb. ..	256	80	..	..
16 " ..	254	80	..	..	15 " ..	257	70	..	..	14 " ..	256	60	..	..
23 " ..	254	60	..	..	22 " ..	257	40	..	..	21 " ..	256	30	..	..
2 March .	254	30	..	..	1 March .	257	20	..	..	28 " ..	256	10	..	..
9 " ..	254	10	..	..	8 " ..	256	90	..	..	7 March..	255	80	..	..
16 " ..	253	90	..	..	15 " ..	256	70	..	..	14 " ..	255	60	..	..
23 " ..	253	70	..	..	22 " ..	256	50	..	..	21 " ..	255	30	..	..
30 " ..	253	50	..	..	29 " ..	256	30	..	..	28 " ..	255	00	..	..
6 April ..	253	30	..	..	5 April ..	255	90	..	..	4 April ..	254	80	..	..
13 " ..	253	10	..	..	12 " ..	255	60	..	..	11 " ..	254	30	..	..
20 " ..	252	70	..	..	19 " ..	255	20	..	..	18 " ..	254	10	..	..
27 " ..	252	50	..	..	26 " ..	254	90	..	..	25 " ..	253	90	..	..
4 May ..	252	20	..	..	3 May ..	254	50	..	..	2 May ..	253	60	..	..
11 " ..	251	90	..	..	10 " ..	254	20	..	..	9 " ..	253	30	..	..
18 " ..	251	70	..	..	17 " ..	253	30	..	..	16 " ..	253	00	..	..
25 " ..	251	40	..	..	24 " ..	252	10	..	..	23 " ..	252	70	..	..
1 June ..	251	20	..	..	31 " ..	251	80	..	..	30 " ..	252	30	..	..
8 " ..	252	50	4	40	7 June ..	251	60	..	..	6 June ..	252	00	..	80
15 " ..	252	50	0	70	14 " ..	251	90	6	..	13 " ..	252	10	6	00
22 " ..	252	50	0	60	21 " ..	253	00	13	70	20 " ..	254	70	25	60
29 " ..	254	00	5	10	28 " ..	252	90	2	50	27 " ..	255	20	3	00
			10	80				22	20				35	40
6 July ..	258	00	7	50	5 July ..	252	80	4	20	4 July ..	255	20	1	10
13 " ..	258	40	3	20	12 " ..	253	60	5	80	11 " ..	257	30	13	30
20 " ..	261	20	14	10	19 " ..	253	50	1	50	18 " ..	259	10	10	20
27 " ..	262	60	5	70	26 " ..	253	40	0	80	25 " ..	260	40	14	00
			30	50				12	30				38	60
3 August.	262	60	0	70	2 August.	254	40	7	80	1 August.	261	10	3	90
10 " ..	262	60	0	70	9 " ..	254	90	4	70	8 " ..	261	10	1	10
17 " ..	264	00	27	50	16 " ..	256	00	9	90	15 " ..	263	00	16	30
24 " ..	263	50	17	0	23 " ..	256	30	2	70	22 " ..	262	50	3	80
31 " ..	263	50	7	50	30 " ..	256	40	2	80	29 " ..	262	60	2	10
			53	40				27	90				27	20
7 Sept. ..	262	70	4	50	6 Sept. ..	256	80	2	60	5 Sept. ..	262	50	2	50
14 " ..	262	60	3	0	13 " ..	257	40	4	30	12 " ..	262	80	7	00
21 " ..	262	50	1	0	20 " ..	259	00	7	60	19 " ..	262	60	1	50
28 " ..	262	10	..	..	27 " ..	259	70	3	50	26 " ..	262	70	3	90
			8	50				18	0				14	90
5 Oct. ..	262	00	1	20	4 Oct. ..	261	10	11	60	3 Oct. ..	262	60	..	..
12 " ..	262	00	1	0	11 " ..	261	00	0	30	10 " ..	262	50	..	..
19 " ..	261	80	..	..	18 " ..	260	90	2	50	17 " ..	262	30	1	00
26 " ..	261	50	..	..	25 " ..	260	70	0	30	25 " ..	262	00	..	..
			2	20				14	70	31 " ..	261	80	..	..
2 Nov. ..	261	30	..	..	1 Nov. ..	260	50	..	..				1	00
9 " ..	261	10	..	..	8 " ..	260	30	..	..	7 Nov. ..	261	50	..	..
16 " ..	260	80	..	..	15 " ..	259	90	..	..	14 " ..	261	20	..	..
23 " ..	260	00	..	..	22 " ..	259	70	1	30	21 " ..	260	90	..	..
30 " ..	260	30	..	..	29 " ..	259	50	..	..	28 " ..	260	60	..	..
7 Dec. ..	260	10	..	..				1	30					
14 " ..	259	70	..	..										
21 " ..	259	70	..	..	6 Dec. ..	258	00	..	..	5 Dec. ..	260	30	..	..
28 " ..	259	30	..	..	13 " ..	258	90	..	..	12 " ..	260	00	..	..
			105	40	20 " ..	258	50	..	..	19 " ..	259	70	..	..
					27 " ..	258	10	..	..	26 " ..	259	40	..	..
								96	40				117	10

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1864					1865.					1866				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
2 January	259	10	..	..	7 January	254	40	..	..	6 January	257	00	..	..
9 "	258	70	..	..	14 "	254	10	..	..	13 " ..	256	70	..	..
16 "	258	40	..	..	21 "	253	80	..	..	20 " ..	256	40	..	..
23 "	258	10	..	..	28 "	253	50	..	..	27 " ..	256	10	..	..
30 "	257	90	..	..	4 Feb. ..	253	20	..	..	3 Feb. ..	255	80	..	..
6 Feb. ..	257	70	..	..	11 " ..	252	90	..	..	10 " ..	255	50	..	..
13 " ..	257	50	..	..	18 " ..	252	70	..	..	17 " ..	255	20	..	..
20 " ..	257	20	..	..	25 " ..	252	50	..	..	24 " ..	254	90	..	..
27 " ..	256	90	..	..	4 March ..	252	30	..	..	3 March ..	254	60	..	..
5 March ..	256	70	..	..	11 " ..	252	00	..	..	10 " ..	254	40	..	..
12 " ..	256	40	..	..	18 " ..	251	60	..	..	17 " ..	254	10	..	..
19 " ..	256	10	..	..	25 " ..	251	20	..	..	24 " ..	253	80	..	..
26 " ..	255	80	..	..	1 April ..	251	80	..	..	31 " ..	253	50	..	..
2 April ..	255	50	..	..	8 " ..	250	40	..	..	7 April ..	253	20	..	..
9 " ..	255	20	..	..	15 " ..	250	20	..	..	14 " ..	252	90	..	..
16 " ..	254	90	..	..	22 " ..	250	00	..	..	21 " ..	252	60	..	..
23 " ..	254	60	..	..	29 " ..	249	70	..	..	28 " ..	252	30	..	..
30 " ..	254	30	..	..	6 May ..	249	80	..	..	5 May ..	252	00	..	..
7 May ..	253	90	..	..	13 " ..	248	90	..	..	12 " ..	251	60	..	..
14 " ..	254	00	..	..	20 " ..	248	50	..	..	19 " ..	251	20	..	..
21 " ..	253	10	..	..	27 " ..	248	10	..	..	26 " ..	250	80	..	..
28 " ..	252	80	..	..	3 June ..	247	70	..	..	2 June ..	250	40	..	..
4 June ..	252	40	..	..	10 " ..	247	50	2	20	9 " ..	250	00	..	..
11 " ..	252	10	..	..	17 " ..	248	10	7	70	16 " ..	249	90	00	80
18 " ..	251	80	00	80	24 " ..	247	90	00	60	23 " ..	251	00	8	20
25 " ..	252	70	16	00						30 " ..	250	80	00	30
								10	50				9	30
			16	30										
2 July ..	254	60	17	80	1 July ..	248	20	8	90					
9 " ..	254	60	1	50	8 " ..	251	20	18	60	7 July ..	251	10	3	10
16 " ..	255	90	13	30	15 " ..	251	70	1	80	14 " ..	252	30	8	90
23 " ..	256	30	3	70	22 " ..	251	40	00	30	21 " ..	253	90	5	80
30 " ..	256	80	1	80	29 " ..	251	50	2	70	28 " ..	256	60	10	60
								32	30				28	40
			37	60										
6 August ..	256	60	3	20	5 August ..	252	30	4	90	4 August ..	260	50	19	50
13 " ..	256	70	8	00	12 " ..	252	40	1	00	11 " ..	262	60	9	10
20 " ..	258	30	5	70	19 " ..	256	70	19	30	18 " ..	262	30	2	90
27 " ..	258	50	2	80	26 " ..	260	00	12	80	25 " ..	261	90	2	10
								38	0				33	60
			19	70										
3 Sept. ..	259	10	5	50	2 Sept. ..	260	70	2	70	1 Sept. ..	261	80	1	90
10 " ..	259	20	1	50	9 " ..	260	80	..	..	8 " ..	261	60	00	40
17 " ..	259	30	00	40	16 " ..	260	70	2	20	15 " ..	261	50	1	40
24 " ..	259	20	2	20	23 " ..	260	90	1	10	22 " ..	261	30	..	..
					30 " ..	260	70	..	..	29 " ..	261	20	..	..
			9	60				6	00				3	70
1 Oct. ..	258	60	..	..	7 Oct. ..	260	70	1	70	6 Oct. ..	261	00	..	..
8 " ..	258	50	..	..	14 " ..	260	50	00	80	13 " ..	260	80	..	..
15 " ..	258	20	..	..	21 " ..	260	20	..	..	20 " ..	260	60	..	..
22 " ..	257	80	..	..	28 " ..	258	90	..	..	27 " ..	260	10	..	..
29 " ..	257	50	..	..				2	00	2 Nov ..	260	00	..	..
5 Nov. ..	257	10	..	..						10 " ..	259	50	..	..
12 " ..	257	10	..	..	4 Nov. ..	259	70	..	..	17 " ..	258	70	..	..
19 " ..	256	60	..	..	11 " ..	259	60	..	..	24 " ..	258	60	..	..
26 " ..	256	20	..	..	18 " ..	259	20	..	..					
					25 " ..	258	80	..	..	1 Dec. ..	258	20	..	..
3 Dec. ..	255	90	..	..	2 Dec. ..	259	50	..	..	8 " ..	258	00	..	..
10 " ..	255	60	..	..	9 " ..	258	20	..	..	15 " ..	257	80	..	..
17 " ..	255	30	..	..	16 " ..	257	90	..	..	22 " ..	257	50	..	..
24 " ..	255	00	..	..	23 " ..	257	60	..	..	29 " ..	257	90	..	..
31 " ..	254	70	..	..	30 " ..	257	40	..	..				75	00
			83	20				88	80					

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1867.						1868.						1869.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
5 January	256	90	..	..		4 January	258	10	..	..		2 January	256	80	..	..	
12 " ..	256	60	..	..		11 " ..	257	80	..	..		9 " ..	256	50	..	..	
19 " ..	256	30	..	..		18 " ..	257	60	..	..		16 " ..	256	20	..	..	
26 " ..	256	00	..	..		25 " ..	257	20	..	..		23 " ..	255	90	..	..	
2 Feb. ..	255	70	..	..		1 Feb. ..	256	90	..	..		30 " ..	255	60	..	..	
9 " ..	255	50	..	..		8 " ..	256	60	..	..		6 Feb. ..	255	30	..	..	
16 " ..	255	20	..	..		15 " ..	256	30	..	..		13 " ..	255	00	..	..	
23 " ..	254	90	..	..		22 " ..	256	00	..	..		20 " ..	254	70	..	..	
2 March..	254	60	..	..		29 " ..	255	70	..	..		27 " ..	254	40	..	..	
9 " ..	254	30	..	..		7 March..	255	40	..	..		6 March...	254	10	..	..	
16 " ..	254	00	..	..		14 " ..	255	10	..	..		13 " ..	253	80	..	..	
23 " ..	253	70	..	..		21 " ..	254	80	..	..		20 " ..	253	50	..	..	
30 " ..	253	40	..	..		28 " ..	254	50	..	..		27 " ..	253	20	..	..	
6 April ..	253	10	..	..		4 April ..	254	20	..	..		3 April ..	252	80	..	..	
13 " ..	252	80	..	..		11 " ..	253	90	..	..		10 " ..	252	50	..	..	
20 " ..	252	60	..	..		18 " ..	253	50	..	..		17 " ..	252	20	..	..	
27 " ..	252	10	..	..		25 " ..	253	10	..	..		24 " ..	251	90	..	..	
4 May ..	251	70	..	..		2 May ..	252	70	..	..		1 May ..	251	50	..	..	
11 " ..	251	30	..	..		9 " ..	252	30	..	..		8 " ..	251	20	..	..	
18 " ..	251	00	..	..		16 " ..	251	90	..	..		15 " ..	250	80	..	..	
25 " ..	250	70	..	..		23 " ..	251	60	..	..		22 " ..	250	50	..	..	
1 June ..	250	40	..	..		30 " ..	251	30	..	..		29 " ..	250	20	..	..	
8 " ..	250	10	..	..		6 June ..	251	00	0	30		5 June ..	249	90	0	70	
15 " ..	249	90	0	80		13 " ..	252	50	9	60		12 " ..	249	60	0	60	
22 " ..	249	70	1	80		20 " ..	253	00	4	00		19 " ..	249	80	5	30	
29 " ..	260	20	7	60		27 " ..	253	10	3	80		26 " ..	250	00	4	20	
			9	90					1	20					10	80	
6 July ..	261	30	7	60		4 July ..	253	50	4	30		3 July ..	250	50	3	70	
13 " ..	251	30	0	50		11 " ..	253	40	..	50		10 " ..	250	50	1	86	
20 " ..	255	70	27	00		18 " ..	256	50	14	20		17 " ..	252	90	13	88	
27 " ..	256	10	3	60		25 " ..	257	10	3	80		24 " ..	255	30	10	00	
			38	70					22	80		31 " ..	255	90	2	32	
															31	76	
3 August.	256	50	2	50		1 August..	258	40	6	90							
10 " ..	257	10	2	90		8 " ..	258	70	2	20		7 August.	255	80	0	39	
17 " ..	259	50	12	30		15 " ..	261	00	11	20		14 " ..	256	10	3	89	
24 " ..	260	30	1	20		22 " ..	261	00	1	00		21 " ..	256	60	5	80	
31 " ..	260	40	0	90		29 " ..	261	00	1	00		28 " ..	257	20	2	18	
			19	80					22	30					12	26	
7 Sept. .	260	50	1	20		5 Sept. ..	261	10	3	20		4 Sept. ..	259	90	13	70	
14 " ..	260	60	0	80		12 " ...	261	10	1	10		11 " ..	260	10	1	56	
21 " ..	260	70	1	50		19 " ..	261	00	0	90		18 " ..	260	90	7	25	
28 " ..	260	80	1	60		26 " ..	260	90	2	20		25 " ..	261	70	4	87	
			5	10					7	40					27	38	
5 Oct. ..	261	10	2	40		3 Oct. ..	260	70	0	20		2 Oct. ..	262	80	9	30	
12 " ..	261	00	..	..		10 " ..	260	40	0	30		9 " ..	262	40	0	19	
19 " ..	261	10	2	10		17 " ..	260	10	..	..		16 " ..	262	20	..	..	
26 " ..	261	00	0	90		24 " ..	259	80	..	..		23 " ..	261	90	..	..	
			6	40		31 " ..	259	50	..	..		30 " ..	261	60	..	..	
									0	50					9	49	
2 Nov. ..	260	80	..	..		7 Nov. ..	259	20	..	..		6 Nov. ..	261	40	..	..	
9 " ..	260	50	..	..		14 " ..	258	90	..	..		13 " ..	261	10	..	..	
16 " ..	260	10	..	..		21 " ..	258	50	..	..		20 " ..	260	80	..	..	
23 " ..	259	80	..	..		28 " ..	258	20	..	..		27 " ..	260	50	..	..	
30 " ..	259	50	..	..		5 Dec. ..	257	90	..	..		4 Dec. ..	260	20	..	..	
7 Dec. ..	259	20	..	..		12 " ..	257	60	..	..		11 " ..	259	90	..	..	
14 " ..	258	90	..	..		19 " ..	257	30	..	..		18 " ..	259	60	..	..	
21 " ..	258	60	..	..		26 " ..	257	00	..	..		25 " ..	259	30	..	..	
28 " ..	258	30	..	..													
			79	90					70	20					91	69	

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1870.					1871.					1872.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
1 January	259	00	..	..	7 Jan. ..	256	60	..	..	6 January	247	50	..	..
8 ,,	258	70	..	..	14 ,, ..	256	30	..	..	13 ,, ..	247	20	..	..
15 ,,	258	50	..	..	21 ,, ..	256	10	..	75	20 ,, ..	246	80	..	..
22 ,,	258	20	..	..	28 ,, ..	255	80	..	..	27 ,, ..	246	50	..	..
29 ,,	257	90	..	..				..	75	3 Feb. ..	246	20	..	..
5 Feb. ..	257	60	..	..						10 ,, ..	245	80	..	..
12 ,, ..	257	30	..	..	4 Feb. ..	255	90	..	..	17 ,, ..	245	50	..	..
19 ,, ..	257	00	..	..	11 ,, ..	255	20	..	..	24 ,, ..	245	10	..	..
26 ,, ..	256	70	..	..	18 ,, ..	254	90	..	..	2 March...	244	80	..	..
5 March..	256	40	..	..	25 ,, ..	254	60	..	..	9 ,, ..	244	40	..	..
12 ,, ..	256	10	..	..	4 March.	254	30	..	..	16 ,, ..	244	00	..	..
19 ,, ..	255	80	..	..	11 ,, ..	253	90	..	..	23 ,, ..	243	60	..	..
26 ,, ..	255	40	..	..	18 ,, ..	253	50	..	..	30 ,, ..	243	30	..	..
2 April ..	255	00	..	..	25 ,, ..	253	10	..	..	6 April ..	243	00	..	..
9 ,, ..	254	70	..	..	1 Apr. ..	252	80	..	..	13 ,, ..	242	60	..	..
16 ,, ..	254	40	..	..	8 ,, ..	252	50	..	..	20 ,, ..	242	20	..	..
23 ,, ..	254	00	..	..	15 ,, ..	252	20	..	..	27 ,, ..	241	80	..	..
30 ,, ..	253	60	..	..	22 ,, ..	251	90	..	..	4 May ..	241	40	..	..
7 May ..	253	30	..	..	29 ,, ..	251	50	..	..	11 ,, ..	241	00	..	..
14 ,, ..	252	90	..	..	6 May ..	251	10	..	..	18 ,, ..	240	70	..	..
21 ,, ..	252	60	..	..	13 ,, ..	250	70	..	..	25 ,, ..	240	50	..	..
28 ,, ..	252	30	..	..	20 ,, ..	250	70	3	33	1 June ..	239	90	..	..
4 June ..	251	90	..	..	27 ,, ..	250	40	..	..	8 ,, ..	239	50	..	..
11 ,, ..	251	90	3	21				3	33	15 ,, ..	239	20	0	31
18 ,, ..	254	10	14	21						22 ,, ..	239	50	7	48
25 ,, ..	255	30	8	44	3 June ..	250	00	..	..	29 ,, ..	243	10	15	09
					10 ,, ..	249	90	1	51					
			25	86	17 ,, ..	249	70	1	55				22	88
					24 ,, ..	249	60	2	86					
2 July ..	255	40	2	53						6 July ..	243	20	1	77
9 ,, ..	255	80	2	21				5	92	13 ,, ..	243	90	2	59
16 ,, ..	257	20	9	91	1 July ..	249	40	0	31	20 ,, ..	247	80	13	23
23 ,, ..	260	00	8	66	8 ,, ..	249	30	1	64	27 ,, ..	250	30	7	26
30 ,, ..	260	70	1	65	15 ,, ..	249	70	5	78					
					22 ,, ..	249	90	3	8				24	85
			25	16	29 ,, ..	250	40	3	32					
								14	13	3 August.	250	90	1	31
6 August.	260	90	1	40						10 ,, ..	251	50	2	57
13 ,, ..	261	00	2	36	5 August.	250	70	2	86	17 ,, ..	252	40	2	54
20 ,, ..	261	00	1	20	12 ,, ..	251	00	2	05	24 ,, ..	253	10	2	18
27 ,, ..	261	30	1	68	19 ,, ..	251	40	2	25	31 ,, ..	253	70	1	79
					26 ,, ..	251	10	..	..					
								7	16				10	39
			6	64										
3 Sept. ..	261	00	0	74	2 Sept. ..	251	60	4	0	7 Sept. ..	253	90	0	85
10 ,, ..	260	80	..	..	9 ,, ..	251	70	1	10	14 ,, ..	254	20	3	52
17 ,, ..	260	60	0	93	16 ,, ..	251	90	1	72	21 ,, ..	254	60	1	88
24 ,, ..	260	60	0	60	23 ,, ..	251	80	0	31	28 ,, ..	254	80	1	10
					30 ,, ..	251	80	0	85					
								7	98				7	35
			2	33										
1 Oct. ..	260	50	0	78	7 Oct. ..	251	50	..	..	5 Oct. ..	254	80	0	46
8 ,, ..	260	30	0	78	14 ,, ..	251	30	0	17	12 ,, ..	254	60	..	..
15 ,, ..	260	30	2	50	21 ,, ..	250	90	..	..	19 ,, ..	254	30	..	..
22 ,, ..	260	00	..	..	28 ,, ..	250	40	..	..	26 ,, ..	254	00	..	..
29 ,, ..	259	70	0	92				0	17				0	46
			4	98	4 Nov. ..	250	20	..	..					
					11 ,, ..	249	90	..	..	2 Nov. ..	253	60	..	..
					18 ,, ..	249	70	1	45	9 ,, ..	253	30	..	..
5 Nov. ..	259	40	..	..	25 ,, ..	249	50	..	..	16 ,, ..	252	90	..	..
12 ,, ..	259	10	..	..						23 ,, ..	252	50	..	..
19 ,, ..	258	80	..	..				1	45	30 ,, ..	252	20	..	..
26 ,, ..	258	50	..	..						7 Dec. ..	251	80	..	..
3 Dec. ..	258	10	..	..	2 Dec. ..	249	20	..	..	14 ,, ..	251	50	..	..
10 ,, ..	257	80	..	..	9 ,, ..	248	60	..	..	21 ,, ..	251	20	..	..
17 ,, ..	257	50	..	..	16 ,, ..	248	60	..	..	28 ,, ..	250	80	..	..
24 ,, ..	257	20	..	..	23 ,, ..	248	10	..	..					
31 ,, ..	257	00	..	..	30 ,, ..	247	80	..	..					
								..	..				65	93
			64	97				40	89					

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1873.						1874.						1875.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
4 January	250	70	..	..		3 January	259	10	..	..		2 January	258	20	..	..	
11 "	250	40	..	..		10 "	258	80	..	..		9 "	257	90	..	..	
18 "	250	10	..	..		17 "	258	50	..	..		16 "	257	60	..	..	
25 "	249	70	..	..		24 "	258	10	..	..		23 "	257	20	..	..	
1 Feb.	249	40	..	..		31 "	257	80	..	..		30 "	256	90	..	..	
8 "	249	10	..	..		7 Feb.	257	50	..	..		6 Feb.	256	50	..	..	
15 "	248	70	..	..		14 "	257	20	..	..		13 "	256	20	..	..	
22 "	248	30	..	..		21 "	256	90	..	..		20 "	255	90	..	..	
1 March...	248	00	..	..		28 "	256	80	..	..		27 "	255	60	..	..	
8 "	247	70	..	..		7 March..	256	20	..	..		6 March..	255	20	..	..	
15 "	247	30	..	..		14 "	255	90	..	..		13 "	254	90	..	..	
22 "	246	90	..	..		21 "	255	50	..	..		20 "	254	50	..	..	
29 "	246	60	..	..		28 "	255	20	..	..		27 "	254	20	..	..	
5 April ..	246	30	..	..		4 April ..	254	80	..	..		3 April ..	253	90	..	..	
12 "	246	00	..	..		11 "	254	50	..	..		10 "	253	60	..	..	
19 "	245	60	..	..		18 "	254	10	..	..		17 "	253	20	..	..	
26 "	245	20	..	..		25 "	253	80	..	..		24 "	252	80	..	..	
3 May ..	244	80	..	..		2 May ..	253	40	..	..		1 May ..	252	50	..	..	
10 "	244	50	..	..		9 "	253	00	..	..		8 "	252	10	..	..	
17 "	244	10	..	..		16 "	252	70	..	..		15 "	251	80	..	..	
24 "	243	70	..	..		23 "	252	40	..	..		22 "	251	50	..	..	
31 "	243	50	1	15		30 "	252	00	..	..		29 "	251	10	..	..	
			1	15		6 June ..	251	80	0	65		5 June ..	250	70	..	..	
						13 "	251	60	3	13		12 "	250	50	1	16	
						20 "	250	50	11	54		19 "	251	00	5	29	
7 June ..	243	70	5	34		27 "	254	80	4	22		26 "	255	90	21	74	
14 "	245	00	8	62													
21 "	244	90	0	44					19	54					28	10	
28 "	245	20	4	48													
						4 July ..	254	60	1	14		3 July ..	255	00	1	12	
			18	88		11 "	255	80	5	55		10 "	257	50	2	67	
						18 "	260	10	12	70		17 "	259	60	5	79	
5 July ..	248	90	12	82		25 "	265	70	26	92		24 "	261	20	1	82	
12 "	251	30	6	02								31 "	262	50	4	59	
19 "	251	80	0	90					46	31							
26 "	252	60	2	78											15	99	
						1 August..	264	10	7	09							
			22	52		8 "	262	80	4	16		7 August.	262	50	1	49	
						15 "	262	60	1	26		14 "	262	50	5	34	
2 August.	253	30	1	66		22 "	262	50	2	12		21 "	262	40	0	22	
9 "	253	60	1	63		29 "	262	60	2	37		28 "	262	40	1	34	
16 "	253	80	0	65													
23 "	253	80	2	03					17	00					8	39	
30 "	260	10	19	22													
						5 Sept. ..	262	40	1	12		4 Sept. ..	262	70	5	38	
			25	19		12 "	262	20	0	71		11 "	262	60	2	97	
						19 "	262	90	7	23		18 "	262	70	6	36	
6 Sept. ..	263	00	6	78		26 "	262	50	1	82		25 "	262	70	5	77	
13 "	263	55	2	77													
20 "	263	30	0	55					10	88					20	48	
27 "	263	80	5	88													
						3 Oct. ..	262	30	..	..		2 Oct. ..	262	40	1	20	
			15	98		10 "	262	10	..	..		9 "	262	20	..	..	
						17 "	261	80	..	..		16 "	261	90	..	..	
4 Oct. ..	263	40	..	..		24 "	261	40	..	..		23 "	261	50	..	..	
11 "	263	00	..	..		31 "	261	10	..	..		30 "	261	10	..	..	
18 "	262	70	..	..											1	20	
25 "	262	40	..	..		7 Nov. ..	260	80	..	..							
1 Nov. ..	262	10	..	..		14 "	260	40	..	..							
8 "	261	70	..	..		21 "	260	10	..	..		6 Nov. ..	260	80	..	..	
15 "	261	40	..	..		28 "	259	70	..	..		13 "	260	50	..	..	
22 "	261	10	..	..								20 "	260	20	..	..	
29 "	260	70	..	..		5 Dec. ..	259	40	..	..		27 "	259	80	..	..	
6 Dec. ..	260	40	..	..		12 "	259	10	..	..		4 Dec. ..	259	50	..	..	
13 "	260	00	..	..		19 "	258	80	..	..		11 "	259	20	..	..	
20 "	259	70	..	..		26 "	258	50	..	..		18 "	258	80	..	..	
27 "	259	40	..	..								25 "	258	50	..	..	
			83	72					93	73					74	25	

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1876.						1877.						1879.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
1 January	258	20	..	..		6 January	257	60	..	..		5 January	255	30	..	..	
8 "	257	80	..	..		13 "	257	30	..	..		12 "	255	00	..	..	
15 "	257	60	..	..		20 "	257	00	..	..		19 "	254	70	..	..	
22 "	257	30	..	..		27 "	256	70	..	..		26 "	254	40	..	..	
29 "	257	00	..	..		3 Feb. ..	256	40	..	..		2 Feb. ..	254	10	..	..	
5 Feb. ..	256	70	..	..		10 " ..	256	20	..	..		9 " ..	253	80	..	..	
12 " ..	256	40	..	..		17 " ..	255	90	..	..		16 " ..	253	50	..	..	
19 " ..	256	10	..	..		24 " ..	255	60	..	..		23 " ..	253	20	..	..	
26 " ..	255	80	..	..		3 March...	255	40	..	..		2 March..	252	90	..	..	
4 March..	255	40	..	..		10 " ..	255	00	..	..		9 " ..	252	50	..	..	
11 " ..	255	10	..	..		17 " ..	254	70	..	..		16 " ..	252	20	..	..	
18 " ..	254	80	..	..		24 " ..	254	40	..	..		23 " ..	251	90	..	..	
25 " ..	254	40	..	..		31 " ..	254	10	..	..		30 " ..	251	50	..	..	
1 April ..	254	10	..	..		7 April ..	253	70	..	..		6 April ..	251	10	..	..	
8 " ..	253	70	..	..		14 " ..	253	40	..	..		13 " ..	250	80	..	..	
15 " ..	253	40	..	..		21 " ..	253	10	..	..		20 " ..	250	40	..	..	
22 " ..	253	10	..	..		28 " ..	252	70	..	..		27 " ..	250	00	..	..	
29 " ..	252	70	..	..		5 May ..	252	40	..	..		4 May ..	249	60	..	..	
6 May ..	252	40	..	..		12 " ..	252	00	..	..		11 " ..	249	30	..	..	
13 " ..	252	00	..	..		19 " ..	251	60	..	..		18 " ..	248	90	..	..	
20 " ..	251	60	..	..		26 " ..	251	20	..	..		25 " ..	248	50	..	..	
27 " ..	251	20	..	..		2 June ..	250	80	..	..		1 June ..	248	10	..	..	
3 June ..	250	90	..	..		9 " ..	250	50	..	..		8 " ..	247	70	..	..	
10 " ..	250	50	0	13		16 " ..	250	20	0	76		15 " ..	247	40	1	33	
17 " ..	250	70	4	27		23 " ..	251	30	15	68		22 " ..	248	40	8	73	
24 " ..	250	90	4	23		30 " ..	251	80	3	47		29 " ..	249	80	11	60	
			8	63					19	91					21	66	
1 July ..	250	80	2	92								6 July ..	254	40	18	18	
8 " ..	255	70	14	48		7 July ..	251	60	0	54		13 " ..	255	30	4	01	
15 " ..	256	00	5	15		14 " ..	251	80	3	45		20 " ..	257	10	7	51	
22 " ..	259	30	4	29		21 " ..	252	70	4	60		27 " ..	262	90	18	71	
29 " ..	262	70	10	06		28 " ..	252	50	0	76					48	41	
			36	90					9	35							
5 August..	262	40	0	78		4 August..	253	40	4	28		3 August.	262	90	6	81	
12 " ..	262	30	1	01		11 " ..	253	30	1	58		10 " ..	262	90	5	48	
19 " ..	262	20	1	15		18 " ..	253	50	1	00		17 " ..	262	80	9	11	
26 " ..	262	00	1	63		25 " ..	253	30	0	57		24 " ..	262	70	3	11	
			4	57					7	43		31 " ..	262	30	..	19	
															24	70	
2 Sept. ..	262	50	4	38		1 Sept. ..	255	30	11	75		7 Sept. ..	262	30	1	23	
9 " ..	262	50	1	66		8 " ..	255	30	0	91		14 " ..	262	50	4	45	
16 " ..	262	50	1	82		15 " ..	255	80	2	03		21 " ..	263	40	17	02	
23 " ..	262	50	7	72		22 " ..	255	20	..	..		28 " ..	262	50	0	82	
30 " ..	262	30	..	..		29 " ..	257	20	2	45					23	52	
			15	58					17	14							
												5 Oct. ..	262	30	1	20	
7 Oct. ..	262	00	..	..		6 October.	258	00	4	50		12 " ..	262	10	..	..	
14 " ..	261	70	..	..		13 " ..	258	70	2	97		19 " ..	261	80	..	..	
21 " ..	261	30	..	..		20 " ..	258	60	1	41		26 " ..	261	50	..	..	
28 " ..	260	90	..	..		27 " ..	258	40	..	..					1	20	
									8	88							
4 Nov. ..	260	50	..	..								2 Nov. ..	261	30	1	30	
11 " ..	260	40	..	..								9 " ..	261	10	..	..	
18 " ..	260	00	..	..		3 Nov. ..	258	10	..	..		16 " ..	260	80	..	..	
25 " ..	259	60	..	..		10 " ..	257	80	..	..		23 " ..	260	60	..	..	
						17 " ..	257	40	..	..		30 " ..	260	30	..	..	
2 Dec. ..	259	30	..	..		24 " ..	257	10	..	..					1	80	
9 " ..	258	90	..	..													
16 " ..	258	60	..	..		1 Dec. ..	256	80	..	..							
23 " ..	258	20	..	..		9 " ..	256	50	..	..		7 Dec. ..	260	00	..	..	
30 " ..	257	90	..	..		16 " ..	256	20	..	..		14 " ..	259	60	..	..	
						22 " ..	255	90	..	..		21 " ..	259	20	..	..	
						29 " ..	255	60	..	..		28 " ..	258	90	..	..	
			65	68					62	71					120	79	

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1879.					1880.					1881.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
4 January	258	6	..	..										
11 "	258	3	..	..						1 January	257	0	..	..
18 "	258	0	..	..	3 January	257	5	..	..	8 "	256	7	..	..
25 "	257	7	..	..	10 "	257	2	..	..	15 "	256	4	..	..
1 Feb.	257	3	..	..	17 "	256	9	..	..	22 "	256	0	..	..
8 "	256	9	..	..	24 "	256	5	..	..	29 "	255	4	..	..
15 "	256	6	..	..	31 "	256	3	..	..	5 Feb.	255	3	..	..
22 "	256	3	..	..	7 Feb.	255	9	..	..	12 "	255	0	..	..
1 March	256	1	..	..	14 "	255	6	..	..	19 "	254	7	..	..
8 "	255	8	..	..	21 "	255	3	..	..	26 "	254	3	..	..
15 "	255	5	..	..	28 "	255	0	..	..	5 March	254	0	..	..
22 "	255	1	..	..	6 March	254	6	..	..	12 "	253	7	..	..
29 "	254	7	..	..	13 "	254	3	..	..	19 "	253	4	..	..
5 April	254	4	..	..	20 "	254	0	..	..	26 "	253	0	..	..
12 "	254	1	..	..	27 "	253	6	..	..	2 April	252	7	..	..
19 "	253	8	..	..	3 April	253	3	..	..	9 "	252	4	..	..
26 "	253	4	..	..	10 "	252	9	..	..	16 "	252	0	..	..
3 May	253	1	..	..	17 "	252	6	..	..	23 "	251	6	..	..
10 "	252	7	..	..	24 "	252	0	..	..	30 "	251	2	..	..
17 "	252	3	..	..	1 May	251	8	..	..	7 May	250	9	..	..
24 "	251	9	..	..	8 "	251	4	..	..	14 "	250	5	..	..
31 "	251	9	.3	04	15 "	251	0	..	..	21 "	250	2	..	..
					22 "	250	8	..	..	28 "	249	8	..	..
			3	04	29 "	250	2	..	..	4 June	249	4	0	13
					5 June	249	8	..	..	11 "	249	6	6	05
7 June	251	6	0	37	12 "	250	0	.4	50	18 "	249	4	2	85
14 "	251	8	5	59	19 "	249	6	..	..	25 "	249	4	2	02
21 "	253	1	7	28	26 "	250	3	8	58					
28 "	254	6	9	96									10	55
								13	08					
			23	20						2 July	250	9	4	99
					3 July	253	4	14	42	9 "	250	9	5	43
5 July	255	3	2	32	10 "	254	6	6	52	16 "	253	0	6	98
12 "	255	2	0	49	17 "	255	5	3	35	23 "	253	4	1	51
19 "	255	1	1	16	24 "	255	7	2	05	30 "	253	7	2	65
26 "	254	9	0	48	31 "	255	9	1	08					
													21	56
			4	45				27	42					
										6 August	256	5	9	60
					7 August	256	2	2	50	13 "	257	4	4	25
2 August	258	3	18	34	14 "	256	3	1	48	20 "	257	7	1	70
9 "	261	6	8	96	21 "	256	1	0	35	27 "	257	8	1	32
16 "	262	9	4	63	28 "	256	0	1	94					
23 "	262	8	5	45									16	87
30 "	262	6	3	38				6	27					
										3 Sept.	257	7	1	78
			40	76	4 Sept.	255	8	0	61	10 "	257	6	0	57
					11 "	256	1	4	17	17 "	257	9	2	63
6 Sept.	262	4	0	71	18 "	255	7	17	57	24 "	257	8	0	90
13 "	262	6	1	62	25 "	261	1	1	41					
20 "	262	3	0	88									5	88
27 "	262	1	0	83				23	76					
										1 Oct.	257	7	1	07
			4	04						8 "	258	2	3	17
					2 Oct.	260	9	..	..	15 "	258	0	0	..
4 Oct.	261	9	0	55	9 "	260	7	..	..	22 "	257	7	0	..
11 "	261	7	..	..	16 "	260	4	..	..	29 "	257	4	0	..
18 "	261	4	..	..	23 "	260	2	1	89					
25 "	261	0	..	..	30 "	259	9	..	..				4	24
			0	55				1	89					
										5 Nov.	257	0	..	..
1 Nov.	260	7	..	..	6 Nov.	259	6	..	..	12 "	256	7	..	..
8 "	260	4	..	..	13 "	259	3	..	..	19 "	256	3	..	..
15 "	260	0	..	..	20 "	258	9	..	..	26 "	255	9	..	..
22 "	259	6	..	..	27 "	258	6	..	..	3 Dec.	255	6	..	..
29 "	259	2	..	..	4 Dec.	258	3	..	..	10 "	255	3	..	..
6 Dec.	258	8	..	..	11 "	257	9	..	..	17 "	254	9	..	..
13 "	258	5	..	..	18 "	257	6	..	..	24 "	254	6	..	..
20 "	258	2	..	..	25 "	257	3	..	..	31 "	254	2	..	..
27 "	257	8	..	..										
			76	04				72	42				59	10

33

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1882.						1883.						1884.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
7 Jan. ..	253	80	..	..		5 Jan. ..	250	70	..	..		4 Jan. ..	259	10	..	..	
14 " ..	253	55	..	..		12 " ..	250	40	..	..		11 " ..	258	80	..	..	
20 " ..	253	30	..	..		19 " ..	250	10	..	..		18 " ..	258	50	..	..	
27 " ..	252	90	..	..		26 " ..	249	80	..	..		25 " ..	258	30	..	..	
3 Feb. ..	252	60	..	..		2 Feb. ..	249	40	..	..		1 Feb. ..	258	00	..	..	
10 " ..	252	30	..	..		9 " ..	249	10	..	..		8 " ..	257	70	..	..	
17 " ..	252	00	..	..		16 " ..	248	80	..	..		15 " ..	257	40	..	..	
24 " ..	251	60	..	..		23 " ..	248	40	..	..		22 " ..	257	10	..	..	
3 Mar. ..	251	30	..	..		2 Mar. ..	248	10	..	..		29 " ..	256	80	..	..	
10 " ..	251	00	..	..		9 " ..	247	80	..	..		7 Mar. ..	256	50	..	..	
17 " ..	250	60	..	..		16 " ..	247	40	..	..		14 " ..	256	10	..	..	
24 " ..	250	30	..	..		23 " ..	247	10	..	..		21 " ..	255	80	..	..	
31 " ..	249	90	..	..		30 " ..	246	70	..	..		28 " ..	255	40	..	..	
7 April ..	249	60	..	..		6 April ..	246	40	..	..		4 April ..	255	00	..	..	
14 " ..	249	20	..	..		13 " ..	246	10	..	..		11 " ..	254	60	..	..	
21 " ..	248	80	..	..		20 " ..	245	70	..	..		18 " ..	254	30	..	..	
28 " ..	248	40	..	..		27 " ..	245	40	..	..		25 " ..	253	90	..	..	
5 May ..	248	10	..	..		4 May ..	245	10	..	..		2 May ..	253	60	..	..	
12 " ..	247	70	..	..		11 " ..	244	70	..	..		9 " ..	253	30	..	..	
19 " ..	247	20	..	..		18 " ..	244	40	..	..		16 " ..	253	00	..	..	
26 " ..	246	80	..	..		25 " ..	244	00	..	..		23 " ..	252	60	..	..	
2 June ..	246	40	..	..		1 June ..	243	60	..	..		30 " ..	252	80	..	..	
9 " ..	247	90	11	79		8 " ..	243	80	6	01		6 June ..	251	90	..	..	
16 " ..	249	50	7	54		15 " ..	243	10	3	44		13 " ..	251	60	0	60	
23 " ..	250	10	0	61		22 " ..	243	70	1	21		20 " ..	252	20	8	15	
30 " ..	249	80	1	52		29 " ..	244	40	5	84		27 " ..	252	20	1	41	
			21	46					17	29					10	16	
7 July ..	250	60	7	02		6 July ..	244	80	4	61		4 July ..	252	40	3	78	
14 " ..	252	80	5	18		13 " ..	250	30	23	63		11 " ..	252	70	2	86	
21 " ..	254	30	7	52		20 " ..	253	70	10	68		18 " ..	255	40	14	48	
28 " ..	254	70	1	68		27 " ..	254	00	1	85		25 " ..	257	10	6	87	
			21	40					40	67					28	09	
4 Aug. ..	254	80	0	66		3 Aug. ..	254	00	0	54		1 Aug. ..	259	00	7	20	
11 " ..	254	80	0	83		10 " ..	253	20	0	17		8 " ..	259	10	0	94	
18 " ..	254	80	0	89		17 " ..	253	50	..	..		15 " ..	259	10	0	62	
25 " ..	254	60	0	27		24 " ..	253	90	4	84		22 " ..	259	40	4	48	
						31 " ..	255	90	9	32		29 " ..	260	80	4	97	
			2	65					14	87					18	81	
1 Sept. ..	254	40	0	68													
8 " ..	254	80	4	17		7 Sept. ..	259	70	8	65		5 Sept. ..	261	80	6	66	
15 " ..	255	60	3	10		14 " ..	259	90	0	92		12 " ..	262	10	3	08	
22 " ..	255	40	0	01		21 " ..	259	80	0	21		19 " ..	262	50	3	73	
29 " ..	255	20	0	68		28 " ..	260	70	5	97		26 " ..	263	40	13	32	
			8	64					15	75					26	59	
6 Oct. ..	255	10	0	48		5 Oct. ..	262	30	4	42		3 Oct. ..	263	30	2	59	
13 " ..	254	80	..	..		12 " ..	262	20	0	43		10 " ..	263	00	..	..	
20 " ..	254	50	..	..		19 " ..	262	30	4	49		17 " ..	267	70	..	..	
27 " ..	254	10	..	..		26 " ..	262	45	1	62		24 " ..	262	40	0	96	
												31 " ..	262	10	..	..	
			0	48					10	96					3	55	
3 Nov. ..	253	70	..	..		2 Nov. ..	262	20	..	..							
10 " ..	253	40	..	..		9 " ..	261	80	..	..		7 Nov. ..	261	80	..	..	
17 " ..	253	00	..	..		16 " ..	261	40	..	..		14 " ..	261	50	..	..	
24 " ..	252	70	..	..		23 " ..	261	10	..	..		21 " ..	261	10	..	..	
1 Dec. ..	252	30	..	..		30 " ..	261	80	..	..		28 " ..	260	80	..	..	
8 " ..	253	00	..	..		7 Dec. ..	260	40	..	..		5 Dec. ..	260	50	..	..	
15 " ..	251	70	..	..		14 " ..	260	10	..	..		12 " ..	260	10	..	..	
22 " ..	251	30	..	..		21 " ..	259	80	..	..		19 " ..	259	80	..	..	
29 " ..	251	00	..	..		28 " ..	259	40	..	..		26 " ..	259	50	0	95	
			54	63					99	54					87	65	

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1885.						1886.						1887.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.			Feet.	Cents.	Inches.	Cents.	
2 Jan. ..	259	30	..	..		1 Jan. ..	257	80	..	..		1 Jan. ..	259	20	..	..	
9 „ ..	258	10	..	..		8 „ ..	257	50	..	..		8 „ ..	258	90	..	..	
16 „ ..	258	90	..	..		15 „ ..	257	10	..	..		15 „ ..	258	50	..	..	
23 „ ..	258	60	..	..		22 „ ..	256	80	..	..		22 „ ..	258	10	..	..	
30 „ ..	258	30	..	..		29 „ ..	256	50	..	..		29 „ ..	257	70	..	..	
6 Feb. ..	258	00	..	..		5 Feb. ..	256	20	..	..		5 Feb. ..	257	50	..	..	
13 „ ..	257	70	..	..		12 „ ..	255	80	..	..		12 „ ..	257	00	..	..	
20 „ ..	257	30	..	..		19 „ ..	255	50	..	..		19 „ ..	256	60	..	..	
27 „ ..	257	00	..	..		26 „ ..	255	20	..	..		26 „ ..	256	30	..	..	
6 March ..	256	70	..	..		5 March ..	254	60	..	..		5 March ..	255	90	..	..	
13 „ ..	256	30	..	..		12 „ ..	254	50	..	..		12 „ ..	255	60	..	..	
20 „ ..	256	00	..	..		19 „ ..	254	10	..	..		19 „ ..	255	20	..	..	
27 „ ..	255	70	..	..		26 „ ..	253	80	..	..		26 „ ..	254	70	..	..	
3 April ..	255	40	..	..		2 April ..	253	40	..	..		2 April ..	254	30	..	..	
10 „ ..	255	10	..	..		9 „ ..	253	00	..	..		9 „ ..	253	90	..	..	
17 „ ..	254	80	..	..		16 „ ..	252	50	..	..		16 „ ..	253	40	..	..	
24 „ ..	254	40	..	..		23 „ ..	252	20	..	..		23 „ ..	252	90	..	..	
1 May ..	254	00	..	..		30 „ ..	251	80	..	..		30 May ..	252	50	..	..	
8 „ ..	253	70	..	..		7 May ..	251	40	..	..		7 „ ..	252	00	..	..	
15 „ ..	253	30	..	..		14 „ ..	251	00	..	..		14 „ ..	251	50	..	..	
22 „ ..	253	00	..	..		21 „ ..	250	60	..	..		21 „ ..	251	00	..	..	
29 „ ..	252	60	..	..		28 „ ..	250	20	..	..		28 „ ..	250	50	..	..	
5 June ..	252	20	..	..		4 June ..	249	90	T	92		4 June ..	250	00	..	..	
12 „ ..	251	90	1	14		11 „ ..	249	90	2	86		11 „ ..	250	40	4	37	
19 „ ..	251	80	2	57		18 „ ..	250	30	7	53		18 „ ..	251	70	10	96	
26 „ ..	251	60	1	79		25 „ ..	253	30	17	02		25 „ ..	252	50	4	87	
			5	50					29	33					20	20	
3 July ..	251	50	1	17		3 July ..	255	10	5	96		2 July ..	252	90	5	14	
10 „ ..	251	30	2	94		10 „ ..	255	20	0	64		9 „ ..	259	70	27	89	
17 „ ..	253	10	11	37		17 „ ..	259	60	26	78		16 „ ..	260	20	2	96	
24 „ ..	254	70	7	68		24 „ ..	263	50	11	72		23 „ ..	260	20	1	83	
31 „ ..	255	20	3	85		31 „ ..	263	40	5	89		30 „ ..	262	40	7	33	
			26	51					53	49					45	17	
7 Aug. ..	255	20	3	22		7 Aug. ..	265	20	0	72		6 Aug. ..	263	30	3	23	
14 „ ..	256	10	5	46		14 „ ..	263	10	1	76		13 „ ..	263	50	8	16	
21 „ ..	260	50	18	10		21 „ ..	263	40	5	20		20 „ ..	263	40	1	82	
28 „ ..	260	90	2	54		28 „ ..	262	30	1	36		27 „ ..	263	50	3	11	
			29	32					9	04					16	32	
4 Sept. ..	261	10	1	99		4 Sept ..	263	40	4	11		3 Sept. ..	263	50	3	06	
11 „ ..	261	00	0	88		11 „ ..	263	20	0	30		11 „ ..	263	50	2	87	
18 „ ..	261	10	3	31		18 „ ..	263	00	0	41		18 „ ..	263	30	1	54	
25 „ ..	261	20	1	43		25 „ ..	262	70	1	04		25 „ ..	263	10	1	46	
			7	56					5	86					8	93	
2 Oct. ..	261	00	1	42		2 Oct. ..	263	30	3	74		2 Oct. ..	262	80	0	27	
9 „ ..	261	40	4	48		9 „ ..	263	20	..	..		9 „ ..	262	50	..	..	
16 „ ..	261	40	1	55		16 „ ..	262	80	..	..		16 „ ..	262	20	1	16	
23 „ ..	261	20	..	..		23 „ ..	262	50	..	..		23 „ ..	261	90	..	..	
30 „ ..	260	90	..	..		30 „ ..	262	60	3	19		30 „ ..	261	40	..	..	
			7	46					6	93					1	43	
6 Nov. ..	260	60	..	..		6 Nov. ..	262	20	..	..		6 Nov. ..	260	90	0	51	
13 „ ..	260	30	..	..		13 „ ..	261	80	..	..		13 „ ..	260	60	0	30	
20 „ ..	259	90	..	..		20 „ ..	261	50	..	..		20 „ ..	260	20	..	..	
27 „ ..	259	50	..	..		27 „ ..	261	10	..	..		27 „ ..	259	80	..	..	
4 Dec. ..	259	20	..	..		4 Dec. ..	260	80	..	..					0	81	
11 „ ..	258	80	..	..		11 „ ..	260	20	..	..		4 Dec. ..	259	30	..	..	
18 „ ..	258	5	..	..		18 „ ..	259	80	..	..		11 „ ..	258	90	..	..	
26 „ ..	258	20	..	..		25 „ ..	259	50	..	..		18 „ ..	258	60	..	..	
			76	35					104	65		25 „ ..	258	20	..	..	
															92	96	

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1888.

	Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
1 January	258	10	..	..	16 July ..	254	95	2	45	10 Sept. ..	259	40	..	53
8 "	258	05	2	22	17 " ..	255	35	1	41	11 " ..	259	40	..	41
15 "	257	70	..	..	18 " ..	255	50	..	22	12 " ..	259	40	..	22
22 "	257	35	..	..	19 " ..	255	50	..	48	13 " ..	259	40	..	30
29 "	257	..	..	..	20 " ..	255	70	..	80	14 " ..	259	40	..	14
			2	22	21 " ..	255	75	..	28	15 " ..	259	35	..	24
					22 " ..	255	75	..	13	16 " ..	259	35	..	..
								5	77				1	84
5 Feb. ..	256	65	..	..						17 " ..	259	30		
12 " ..	256	30	..	..						18 " ..	259	25	..	..
19 " ..	255	95	..	..						19 " ..	259	20	..	..
26 " ..	255	..	..	..	23 " ..	255	80	..	39	20 " ..	259	15	..	18
4 March ..	255	10	..	..	24 " ..	255	85	..	32	21 " ..	259	10	..	..
11 " ..	254	70	..	..	25 " ..	255	90	..	45	22 " ..	259	05	..	..
18 " ..	254	30	..	..	26 " ..	255	90	..	13	23 " ..	259	00	..	..
25 " ..	253	90	..	..	27 " ..	255	90	..	21				..	18
1 April ..	253	45	..	..	28 " ..	255	85	..	..					
8 " ..	252	95	..	..	29 " ..	255	85	..	22					
15 " ..	252	50	..	..				1	62					
22 " ..	252	05	..	..						24 " ..	259	00	..	28
29 " ..	251	60	..	..						25 " ..	258	95	..	..
6 May ..	251	15	..	..						26 " ..	258	90	..	..
13 " ..	250	60	..	..						27 " ..	258	85	..	..
20 " ..	250	15	..	..	30 " ..	255	85	..	15	28 " ..	258	80	..	..
27 " ..	249	75	..	..	31 " ..	256	20	2	36	29 " ..	258	75	..	..
1 June ..	249	40	..	..	1 August..	256	50	1	63	30 " ..	258	70	..	46
2 " ..	249	35	..	..	2 " ..	256	55	..	40				..	73
3 " ..	249	25	..	..	3 " ..	256	80	1	34					
4 " ..	249	20	..	..	4 " ..	257	..	1	24					
5 " ..	249	15	..	92	5 " ..	257	10	0	45					
6 " ..	249	20	1	02						1 Oct. ..	258	65	..	50
7 " ..	249	30	1	40				7	57	2 " ..	258	65	..	..
8 " ..	249	50	2	17						3 " ..	258	60	..	..
9 " ..	249	40	..	..						4 " ..	258	65	1	16
10 " ..	249	30	..	..	6					5 " ..	258	60	..	..
			5	51	7 " ..	257	20	..	14	6 " ..	258	55	..	..
					8 " ..	257	20	..	25	7 " ..	258	50	..	..
11 " ..	249	25	..	..	9 " ..	257	25	..	43				1	66
12 " ..	249	20	..	..	10 " ..	257	30	1	02					
13 " ..	249	10	..	..	11 " ..	257	40	..	26					
14 " ..	249	05	..	09	12 " ..	257	50	..	42					
15 " ..	248	80	..	07										
16 " ..	248	95	..	..										
17 " ..	248	95	..	26										
			..	55				4	09					
			..	97	13 " ..	257	90	1	04					
					14 " ..	257	90	..	31					
18 " ..	248	90			15 " ..	258	00	..	32					
19 " ..	248	85	..	..	16 " ..	258	10	..	66					
20 " ..	248	80	..	13	17 " ..	258	20	..	72					
21 " ..	248	70	..	..	18 " ..	258	30	..	44					
22 " ..	248	65	..	19	19 " ..	258	40	..	61					
23 " ..	248	70	..	26										
24 " ..	248	65	1	..										
			..	..				4	10					
			1	58										
25 " ..	248	65	..	37	20 "	258	70	1	46					
26 " ..	248	60	..	54	21 " ..	258	90	..	39					
27 " ..	248	70	1	12	22 " ..	259	00	..	07					
28 " ..	249	..	2	13	23 " ..	259	05	..	18					
29 " ..	249	60	3	73	24 " ..	259	20	..	75	22 " ..	257	65		
30 " ..	250	05	2	42	25 " ..	259	50	..	92	23 " ..	257	60		
1 July ..	250	50	2	70	26 " ..	259	60	..	32	24 " ..	257	50		
										25 " ..	257	45		
			13	01				4	09	26 " ..	257	40		
					27					27 " ..	257	35		
2 " ..	251	..	2	80	28 " ..	259	70	..	..	28 " ..	257	30		
3 " ..	251	..	..	37	29 " ..	259	80	..	29					
4 " ..	250	95	..	12	30 " ..	259	80	..	11					
5 " ..	251	40	2	56	31 " ..	259	75	..	..	29 " ..	257	25		
6 " ..	252	05	2	77	1 Sept.	259	70	..	..	30 " ..	257	20		
7 " ..	252	05	..	..	2 " ..	259	70	..	..	31 " ..	257	15		
8 " ..	252	..	..	..				..	09	4 Nov. ..	256	90		
			8	12				..	49	11 " ..	256	75	2	18
										18 " ..	256	55	..	06
9 " ..	251	95	..	11						25 " ..	256	07	..	..
10 " ..	251	95	..	08	3 " ..	259	60	..	..				..	..
11 " ..	251	90	..	09	4 " ..	259	60	..	..				..	..
12 " ..	251	90	..	28	5 " ..	259	55	..	..				2	24
13 " ..	252	50	3	06	6 " ..	259	50	..	..	2 Dec. ..	255	70		
14 " ..	253	..	2	92	7 " ..	259	50	..	..	9 " ..	255	30		
15 " ..	254	20	4	97	8 " ..	259	45	..	..	16 " ..	254	85		
					9 " ..	259	45	..	..	23 " ..	254	40		
			10	69				..	..	30 " ..	254	00	..	..
								..	..				76	71

Table No. 8—*contd.*

Showing Height of Water in, and Rainfall at, Vehar Lake from 1861 to 1889.

1889.

	Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
6 Jan. ..	253	60	..	..	8 July ..	246	25	1	27	2 Sept. ..	257	55	..	
13 " ..	253	25	..	..	9 " ..	246	50	1	65	3 " ..	257	55	..	18
20 " ..	252	85	..	..	10 " ..	248	00	5	22	4 " ..	257	50	..	..
27 " ..	252	50	..	..	11 " ..	249	10	4	04	5 " ..	257	50	..	..
3 Feb. ..	252	10	..	..	12 " ..	250	20	3	67	6 " ..	257	45	..	..
10 " ..	251	65	..	..	13 " ..	251	40	4	41	7 " ..	257	40	..	..
17 " ..	251	25	..	..	14 " ..	251	80	1	00	8 " ..	257	35	..	..
24 " ..	250	75	..	..										
3 Mar. ..	250	35	..	..				21	26				..	28
10 " ..	249	90	..	..										
17 " ..	249	45	..	..	15 " ..	251	90	..	14	9 " ..	257	30	..	..
24 " ..	249	00	..	..	16 " ..	252	05	..	60	10 " ..	257	25	..	..
31 " ..	248	55	..	..	17 " ..	252	30	1	46	11 " ..	257	20	..	..
7 April ..	248	05	..	..	18 " ..	252	50	..	62	12 " ..	257	15	..	12
14 " ..	247	60	..	..	19 " ..	253	30	3	70	13 " ..	257	10	..	..
21 " ..	247	00	..	..	20 " ..	254	60	4	29	14 " ..	257	05	..	.06
28 " ..	246	65	..	..	21 " ..	254	95	..	82	15 " ..	257	00	..	..
5 May ..	246	15	..	..										
12 " ..	245	65	..	..				11	63				..	18
19 " ..	245	15	..	..										
20 " ..	245	05	..	..	22 " ..	255	10	..	98	16 " ..	256	00	..	42
21 " ..	244	95	..	..	23 " ..	255	15	..	35	17 " ..	257	00	..	54
22 " ..	244	90	..	..	24 " ..	255	20	..	13	18 " ..	257	00	..	85
23 " ..	244	80	..	..	25 " ..	255	20	..	15	19 " ..	257	00	..	..
24 " ..	244	75	..	07	26 " ..	255	20	..	..	20 " ..	256	95	..	..
25 " ..	244	70	..	11	27 " ..	255	17	..	..	21 " ..	256	90	..	..
26 " ..	244	60	..	..	28 " ..	255	15	..	14	22 " ..	256	85	..	..
			..	18				1	75				1	81
2 June ..	244	05	..	..	29 " ..	255	12	..	06	23 " ..	256	80	..	..
3 " ..	244	00	..	..	30 " ..	255	10	..	25	24 " ..	256	85	..	90
4 " ..	243	90	..	..	31 " ..	255	10	..	21	25 " ..	256	80	..	17
5 " ..	243	85	..	..						26 " ..	256	75	..	..
6 " ..	243	80	..	..	1 Aug. ..	255	05	..	09	27 " ..	256	85	..	89
7 " ..	244	00	3	33	2 " ..	255	05	..	..	28 " ..	256	85	..	14
8 " ..	243	95	..	..	3 " ..	255	05	..	58	29 " ..	256	80	..	..
9 " ..	243	90	..	40	4 " ..	255	05	..	30				..	..
			3	73				1	49				2	10
										30 " ..	256	75	..	..
10 " ..	243	85	..	..	5 " ..	255	00	..	..	1 Oct. ..	256	70	..	30
11 " ..	243	80	..	19	6 " ..	255	00	..	35	2 " ..	256	65	..	..
12 " ..	243	75	..	..	7 " ..	255	30	1	58	3 " ..	256	60	..	..
13 " ..	243	65	..	40	8 " ..	255	55	1	09	4 " ..	256	55	..	..
14 " ..	243	60	..	31	9 " ..	255	65	..	51	5 " ..	256	50	..	..
15 " ..	243	55	..	18	10 " ..	255	70	..	37	6 " ..	256	55	1	22
16 " ..	243	50	..	27	11 " ..	255	75	..	43					
			1	35				4	33				1	52
17 " ..	243	45	..	09	12 " ..	255	80	..	38	7 " ..	256	55	..	22
18 " ..	243	35	..	..	13 " ..	255	90	..	78	8 " ..	256	50	..	..
19 " ..	243	25	..	12	14 " ..	256	40	1	93	9 " ..	256	45	..	..
20 " ..	243	20	..	32	15 " ..	256	60	..	66	10 " ..	256	40	..	..
21 " ..	243	40	1	96	16 " ..	256	75	..	57	11 " ..	256	35	..	..
22 " ..	243	40	..	26	17 " ..	256	85	..	62	12 " ..	256	30	..	..
23 " ..	243	35	..	35	18 " ..	257	00	..	76	13 " ..	256	25	..	..
			3	10				6	70				..	22
24 " ..	243	30	..	47	19 " ..	257	10	..	72	14 " ..	256	20	..	..
25 " ..	243	30	1	37	20 " ..	257	25	..	46	15 " ..	256	15	..	..
26 " ..	244	10	4	75	21 " ..	257	30	..	15	16 " ..	256	10	..	04
27 " ..	244	70	8	66	22 " ..	257	35	..	27	17 " ..	256	05	..	..
28 " ..	245	20	1	98	23 " ..	257	40	..	32	18 " ..	256	05	1	18
29 " ..	245	35	1	34	24 " ..	257	40	..	30	19 " ..	256	05	..	29
30 " ..	245	30	..	07	25 " ..	257	45	..	19	20 " ..	256	00	..	..
			13	64				2	41				1	51
1 July ..	245	30	..	..	26 " ..	257	50	..	28	27 " ..	255	60	..	..
2 " ..	245	25	..	..	27 " ..	257	55	..	35					
3 " ..	245	20	..	13	28 " ..	257	60	..	26	3 Nov. ..	255	20	..	..
4 " ..	245	15	..	23	29 " ..	257	60	..	11	10 " ..	254	75	..	..
5 " ..	245	20	..	86	30 " ..	257	60	..	12	17 " ..	254	30	..	..
6 " ..	245	35	1	85	31 " ..	257	60	..	14	24 " ..	253	85	..	..
7 " ..	245	95	2	75	1 Sept. ..	257	60	..	..	1 Dec. ..	253	45	..	..
			5	82				1	26					

Table No. 9.

Showing Height of Water in, and Rainfall at, Tulsi Lake from 1861 to 1889.

1881.					1882.					1883.					1884.				
Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.		Date and Month.	Height of Water.		Rainfall.	
	Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.		Feet.	Cents.	Ins.	Cents.
2 Jan. ..	438	95	..	..	1 Jan. ..	440	60	..	..	5 Jan. ..	438	26	..	..	4 Jan. ..	446	08	..	..
9 ,, ..	438	33	..	..	8 ,, ..	439	88	..	..	12 ,, ..	437	56	..	..	11 ,, ..	445	55	..	..
16 ,, ..	437	63	..	..	15 ,, ..	439	16	..	..	19 ,, ..	436	80	..	..	18 ,, ..	444	02	..	..
23 ,, ..	436	92	..	..	22 ,, ..	438	38	..	..	26 ,, ..	436	07	..	..	25 ,, ..	441	30	..	..
30 ,, ..	436	22	..	..	29 ,, ..	437	64	..	..										
										2 Feb. ..	435	32	..	..	1 Feb. ..	443	63	..	..
6 Feb. ..	435	50	..	..	6 Feb. ..	436	77	..	..	9 ,, ..	434	57	..	..	8 ,, ...	443	03	..	..
13 ,, ..	434	81	..	..	10 ,, ..	436	34	..	..	16 ,, ..	433	74	..	..	15 ,, ...	442	38	..	..
20 ,, ..	434	10	..	..	17 ,, ..	435	56	..	..	23 ,, ..	432	91	..	..	22 ,, ...	441	81	..	..
27 ,, ..	433	40	..	..	24 ,, ..	434	74	..	..						29 ,, ...	441	10	..	..
										2 March..	432	04	..	..					
6 March..	432	65	..	..	3 March..	433	82	..	..	9 ,, ..	431	17	..	..	7 March..	440	43	..	..
13 ,, ..	431	81	..	..	10 ,, ..	433	11	..	..	16 ,, ..	430	26	..	..	14 ,, ..	439	73	..	..
20 ,, ..	430	90	..	..	17 ,, ..	432	26	..	..	23 ,, ..	429	30	..	..	21 ,, ..	438	99	..	..
27 ,, ..	430	03	..	..	24 ,, ..	431	35	..	..	30 ,, ..	428	37	..	..	28 ,, ..	438	29	..	..
					31 ,, ..	430	42	..	..										
3 April ..	429	17	..	..						6 April ..	427	33	..	..	4 April ..	437	50	..	..
10 ,, ..	428	16	..	..	7 April ..	429	45	..	..	13 ,, ..	426	26	..	..	11 ,, ..	436	70	..	..
17 ,, ..	427	40	..	..	14 ,, ..	428	32	..	..	20 ,, ..	425	09	..	..	18 ,, ..	435	90	..	..
24 ,, ..	426	20	..	..	21 ,, ..	427	38	..	..	27 ,, ..	423	90	..	..	25 ,, ..	435	20	..	..
					28 ,, ..	426	32	..	..										
1 May ..	425	08	..	..						4 May ..	422	58	..	..	2 May ..	434	40	..	..
8 ,, ..	423	93	..	..	5 May ..	425	22	..	..	11 ,, ..	421	20	..	..	9 ,, ..	433	50	..	..
15 ,, ..	422	71	..	..	12 ,, ..	423	95	..	..	18 ,, ..	419	78	..	..	16 ,, ..	432	70	..	..
22 ,, ..	421	39	..	..	19 ,, ..	423	70	..	..	25 ,, ..	418	24	..	..	23 ,, ..	431	90	..	..
29 ,, ..	419	78	..	..	26 ,, ..	421	30	..	..						30 ,, ..	431	00	..	..
										1 June ..	416	50	..	..					
5 June ..	418	29	1	15	2 June ..	419	78	..	..	8 ,, ..	415	60	3	60	6 June ..	430	10	..	..
12 ,, ..	418	84	7	81	9 ,, ..	422	83	13	88	15 ,, ..	415	33	5	58	13 ,, ..	429	20	0	21
19 ,, ..	419	88	1	63	16 ,, ..	427	50	9	96	22 ,, ..	413	80	1	67	20 ,, ..	429	40	8	75
26 ,, ..	415	21	2	19	23 ,, ..	426	77	0	30	29 ,, ..	416	34	6	50	27 ,, ..	428	90	2	05
					30 ,, ..	426	29	2	72										
			12	78				26	86				17	35				11	01
3 July ..	416	51	5	40						6 July ..	416	91	3	31	4 July ..	428	40	8	24
10 ,, ..	423	66	11	26	7 July ..	431	40	7	28	13 ,, ..	435	80	23	75	11 ,, ..	429	90	6	33
17 ,, ..	433	72	12	22	14 ,, ..	438	82	10	14	20 ,, ..	447	90	17	72	18 ,, ..	434	80	13	69
24 ,, ..	435	20	4	57	21 ,, ..	434	10	10	40	27 ,, ..	449	18	3	37	25 ,, ..	430	30	7	59
31 ,, ..	436	57	3	64	28 ,, ..	445	12	2	67										
			36	89				30	49				48	15				30	75
7 Aug. ..	443	51	12	07	4 Aug. ..	445	52	1	80	3 Aug. ..	449	17	1	15	1 Aug. ..	444	90	9	00
14 ,, ..	445	54	4	76	11 ,, ..	446	09	2	59	10 ,, ..	448	79	0	36	8 ,, ..	445	10	1	18
21 ,, ..	446	58	2	62	18 ,, ..	445	88	1	07	17 ,, ..	448	23	0	12	15 ,, ..	444	80	1	01
28 ,, ..	446	89	2	13	25 ,, ..	445	56	0	77	24 ,, ..	448	87	4	44	22 ,, ..	446	40	5	08
										31 ,, ..	452	20	9	26	29 ,, ..	448	30	6	18
			21	58				6	23										
													15	33				22	40
4 Sept. ..	446	82	2	00	1 Sept. ..	445	19	1	04										
11 ,, ..	446	65	1	05	8 ,, ..	445	33	2	76	7 Sept. ..	452	64	9	75	5 Sept. ..	450	80	5	08
18 ,, ..	447	36	4	06	15 ,, ..	448	41	5	54	14 ,, ..	452	38	0	84	12 ,, ..	451	60	3	22
25 ,, ..	447	43	0	88	22 ,, ..	448	12	..	21	21 ,, ..	452	00	0	17	19 ,, ..	452	50	3	70
					29 ,, ..	447	64	0	63	28 ,, ..	452	55	6	20	26 ,, ..	452	90	10	66
			7	99				9	97				16	96				22	66
2 Oct. ..	447	90	3	40															
9 ,, ..	448	45	1	62	6 Oct. ..	447	18	0	63	5 Oct. ..	452	45	5	06	3 Oct. ..	452	40	5	31
16 ,, ..	447	97	..	..	13 ,, ..	446	53	0	4	12 ,, ..	452	32	1	26	10 ,, ..	452	00	..	..
23 ,, ..	447	36	..	..	20 ,, ..	446	80	..	..	19 ,, ..	452	21	3	59	17 ,, ..	451	40	..	..
30 ,, ..	446	70	..	..	27 ,, ..	445	24	..	..	26 ,, ..	452	30	1	76	24 ,, ..	451	00	1	04
															31 ,, ..	450	80	..	..
			5	02				0	67				11	67				6	85
Nov. ..	445	99	..	..	3 Nov. ..	444	46	..	..	2 Nov. ..	451	77	..	..					
,, ..	445	34	..	..	10 ,, ..	443	77	..	..	9 ,, ..	451	20	..	..	7 Nov. ..	449	70	..	..
,, ..	444	64	..	..	17 ,, ..	443	00	..	..	16 ,, ..	450	64	..	..	14 ,, ..	449	10	..	..
,, ..	443	90	..	..	24 ,, ..	442	44	..	..	23 ,, ..	449	95	..	..	21 ,, ..	448	40	..	..
										30 ,, ..	449	25	..	..	28 ,, ..	447	70	..	..
					1 Dec. ..	441	77	..	..										
Dec. ..	443	26	..	..	8 ,, ..	441	07	..	..										
,, ..	442	67	..	..	15 ,, ..	440	35	..	..	7 Dec. ..	448	61	..	..	5 Dec. ..	447	20	..	..
,, ..	441	96	..	..	22 ,, ..	439	70	..	..	14 ,, ..	447	91	..	..	12 ,, ..	446	40	..	..
,, ..	441	27	..	..	29 ,, ..	438	96	..	..	21 ,, ..	447	27	..	..	19 ,, ..	446	80	..	..
										28 ,, ..	446	62	..	..	26 ,, ..	445	40	1	67
																		1	67
Annual Rainfall ..			84	26				74	22				109	46				94	84

Table No. 9—*contd.*

Showing Height of Water in, and Rainfall at, Tulsi Lake from 1861 to 1889.

1885.						1886.						1887.					
Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.			Date and Month.	Height of Water.		Rainfall.		
	Feet.	Cents.	Ins.	Cents.			Feet.	Cents.	Ins.	Cents.			Feet.	Cents.	Ins.	Cents.	
2 January	444	80	..	..		1 January	441	40	..	..		1 January	450	40	..	..	
9 "	444	20	..	..		8 "	440	70	..	..		8 "	449	80	..	..	
16 "	443	60	..	..		15 "	440	10	..	..		15 "	449	30	..	..	
23 "	442	90	..	..		22 "	439	50	..	..		22 "	448	70	..	..	
30 "	442	30	..	..		29 "	438	80	..	..		29 "	448	00	..	..	
6 February	441	70	..	..		5 February	438	10	..	..		5 February	447	50	..	..	
13 "	440	90	..	..		12 "	437	30	..	..		12 "	446	90	..	..	
20 "	440	20	..	..		19 "	436	60	..	..		19 "	446	20	..	..	
27 "	439	50	..	..		26 "	435	90	..	..		26 "	445	70	..	..	
6 March	438	80	..	..		5 March	435	10	..	..		5 March	445	00	..	..	
13 "	438	10	..	..		12 "	434	40	..	..		12 "	444	40	..	..	
20 "	437	40	..	..		19 "	433	60	..	..		19 "	443	70	..	..	
27 "	436	60	..	..		26 "	432	90	..	..		26 "	443	..	..	..	
3 April	435	80	..	..		2 April	432	00	..	..		2 April	442	40	..	..	
10 "	435	10	..	..		9 "	431	20	..	..		9 "	441	80	..	..	
17 "	434	30	..	..		16 "	430	30	..	..		16 "	441	10	..	..	
24 "	433	40	..	..		23 "	429	40	..	..		23 "	440	40	..	..	
						30 "	428	60	..	..		30 "	439	80	..	..	
1 May	432	60	..	..													
8 "	431	80	..	..		7 May	427	50	..	..		7 May	439	10	..	..	
15 "	430	90	..	..		14 "	426	60	..	..		14 "	438	40	..	..	
22 "	429	90	..	..		21 "	425	50	..	..		21 "	437	70	..	..	
29 "	429	00	..	..		28 "	424	40	..	..		28 "	437	00	..	..	
5 June	428	00	..	..		4 June	423	30	0	60		4 June	436	30	..	..	
12 "	426	90	1	25		11 "	422	90	4	38		11 "	436	10	3	84	
19 "	426	20	1	99		18 "	423	20	7	57		18 "	438	10	12	40	
26 "	425	40	2	20		26 "	431	30	17	13		25 "	437	70	1	85	
			5	44					29	68					18	09	
3 July	424	20	1	25		3 July	435	50	9	43		2 July	439	80	5	63	
10 "	423	90	4	69		10 "	436	10	1	32		9 "	453	00	25	43	
17 "	427	30	12	43		17 "	447	90	18	62		16 "	454	10	2	80	
24 "	430	50	9	42		24 "	456	60	18	04		23 "	454	60	1	91	
31 "	432	30	4	08		31 "	456	60	2	18		30 "	456	70	9	03	
			31	87					50	59					44	80	
7 August	432	10	3	08		7 August	456	40	1	15		6 August	456	60	3	96	
14 "	434	50	5	99		14 "	456	20	2	23		13 "	456	80	9	52	
21 "	445	50	17	70		21 "	456	60	6	66		20 "	456	60	2	08	
28 "	446	90	3	55		28 "	456	40	2	16		27 "	456	70	5	22	
			30	32					12	19					20	68	
4 September	447	30	2	32		4 September	456	60	4	99		3 September	456	70	3	65	
11 "	447	10	0	79		11 "	456	30	..	..		10 "	456	80	4	81	
18 "	447	30	3	10		18 "	455	90	0	30		17 "	456	45	0	52	
25 "	447	50	2	01		25 "	455	70	2	31		24 "	456	20	1	10	
			8	22					7	60					10	08	
2 October	447	10	0	14		2 October	456	50	4	93		2 October	455	80	0	40	
9 "	448	30	5	62		9 "	456	30	0	52		9 "	455	30	..	..	
16 "	448	30	0	96		16 "	455	90	0	17		16 "	454	80	1	09	
23 "	447	70	..	..		23 "	455	50	0	89		23 "	454	30	..	..	
30 "	447	10	..	..		30 "	455	30	1	85		30 "	453	70	..	..	
			6	72					8	36					1	49	
6 November	446	60	..	..		6 November	454	90	..	..		6 November	453	00	0	65	
13 "	445	90	..	..		13 "	454	80	..	..		13 "	452	60	0	07	
20 "	445	20	..	..		20 "	453	70	..	..		20 "	452	00	..	..	
27 "	444	50	..	..		27 "	453	10	..	..		27 "	451	40	..	..	
															0	72	
4 December	443	50	..	..		4 December	452	70	..	..		4 December	450	80	..	..	
11 "	443	20	..	..		11 "	452	00	..	..		11 "	450	10	..	..	
18 "	442	60	..	..		18 "	451	60	..	..		18 "	449	60	..	..	
25 "	442	00	..	..		25 "	450	90	..	..		25 "	448	90	..	..	
			82	57					108	42					95	86	

Table No. 9—*contd.*

Showing Height of Water in, and Rainfall at, Tulsi Lake from 1861 to 1889.

1888.

	Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches	Cents.		Feet.	Cents.	Inches.	Cents.
1 Jan. ..	448	40	..	..	16 July ..	444	65	2	89	10 Sept. ..	456	05	..	29
8 ,, ..	448	10	2	30	17 ,, ..	446	00	1	93	11 ,, ..	456	00	..	20
.. ,, ..	447	55	..	..	18 ,, ..	446	30	..	36	12 ,, ..	455	95	..	23
.. ,, ..	447	00	..	..	19 ,, ..	446	80	1	38	13 ,, ..	455	90	..	22
22 ,, ..	446	45	..	.	20 ,, ..	447	20	..	84	14 ,, ..	455	87	..	..
					21 ,, ..	447	40	..	18	15 ,, ..	455	85	..	53
			2	30	22 ,, ..	447	59	..	..	16 ,, ..	455	80	..	..
								7	58				1	40
5 Feb. ..	445	90	..	..										
12 ,, ..	445	30	..	..										
19 ,, ..	444	70	..	..	23 ,, ..	447	65	..	56	17 ,, ..	455	75	..	..
26 ,, ..	444	00	..	..	24 ,, ..	447	75	..	28	18 ,, ..	455	70	..	..
4 March ..	443	35	..	..	25 ,, ..	447	85	..	24	19 ,, ..	455	60	..	24
11 ,, ..	442	75	..	..	26 ,, ..	447	85	..	23	20 ,, ..	455	50	..	..
18 ,, ..	442	10	..	..	27 ,, ..	447	85	..	23	21 ,, ..	455	45	..	..
25 ,, ..	441	45	..	..	28 ,, ..	447	85	..	12	22 ,, ..	455	40	..	..
1 April ..	440	80	..	..	29 ,, ..	447	90	..	77	23 ,, ..	455	32	..	45
8 ,, ..	440	10	..	..										
.. ,, ..	439	40	..	..										
22 ,, ..	438	70	..	..				2	44				..	69
.. ,, ..	438	05	..	..										
May ..	437	35	..	..	30 ,, ..	447	95	..	24	24 ,, ..	455	30	..	..
13 ,, ..	436	60	..	..	31 ,, ..	448	90	2	90	25 ,, ..	455	25	..	..
20 ,, ..	435	85	..	..						26 ,, ..	455	16	..	..
27 ,, ..	435	10	..	..	1 Aug. ..	449	55	1	40	27 ,, ..	455	10	..	..
1 June ..	434	60	..	..	2 ,, ..	450	00	2	08	28 ,, ..	455	05	..	..
2 ,, ..	434	50	..	..	3 ,, ..	450	70	1	70	29 ,, ..	455	10	..	..
3 ,, ..	434	35	..	..	4 ,, ..	451	20	1	51	30 ,, ..	454	90	..	..
4 ,, ..	434	25	..	..	5 ,, ..	451	60	..	52					
5 ,, ..	434	20	..	97									..	..
6 ,, ..	434	15	..	54				10	35	1 Oct. ..	454	82	..	70
7 ,, ..	434	20	1	17						2 ,, ..	454	75	..	..
8 ,, ..	434	35	2	47						3 ,, ..	454	70	..	..
9 ,, ..	434	30	..	..						4 ,, ..	454	77	2	07
10 ,, ..	434	20	..	..	6 ,, ..	451	80	..	68	5 ,, ..	454	73	..	..
					7 ,, ..	452	00	..	27	6 ,, ..	454	65	..	..
			5	15	8 ,, ..	452	20	..	71	7 ,, ..	454	55	..	..
					9 ,, ..	452	40	..	97					
					10 ,, ..	452	60	..	28					
11 ,, ..	434	10	..	16	11 ,, ..	452	90	..	92					
12 ,, ..	434	00	..	..	12 ,, ..	453	50	2	07				2	77
13 ,, ..	433	90	..	..										
14 ,, ..	433	80	..	..				5	90	8				
15 ,, ..	433	70	..	31						9 ,, ..	454	47	..	..
16 ,, ..	433	65	..	59						10 ,, ..	454	42	..	..
17 ,, ..	433	60	..	15	13 ,, ..	454	10	1	08	11 ,, ..	454	37	..	..
					14 ,, ..	454	30	..	36	12 ,, ..	454	30	..	..
			1	01	15 ,, ..	454	50	..	48	13 ,, ..	454	22	..	..
					16 ,, ..	454	60	..	79	14 ,, ..	454	15	..	..
18 ,, ..	433	50	..	..	17 ,, ..	454	80	..	87					
19 ,, ..	433	40	..	07	18 ,, ..	455	00	..	63					
20 ,, ..	433	30	..	..	19 ,, ..	455	40	1	65					
21 ,, ..	433	35	..	46										
22 ,, ..	433	25	..	..				5	88	15				
23 ,, ..	433	40	2	13						16 ,, ..	453	97	..	..
24 ,, ..	433	35	..	..						17 ,, ..	453	87	..	..
										18 ,, ..	453	82	..	..
			2	66	20 ,, ..	456	20	2	68	19 ,, ..	453	77	..	..
					21 ,, ..	456	65	..	56	20 ,, ..	453	72	..	..
25 ,, ..	433	25	..	19	22 ,, ..	456	60	..	13	21 ,, ..	453	62	..	..
26 ,, ..	433	25	..	30	23 ,, ..	456	55	..	15					
27 ,, ..	433	30	1	32	24 ,, ..	456	85	1	65				..	..
28 ,, ..	433	70	2	55	25 ,, ..	456	75	1	10	22 ,, ..	453	45	..	..
29 ,, ..	434	20	3	24	26 ,, ..	456	65	..	38	23 ,, ..	453	35	..	..
30 ,, ..	435	10	2	44						24 ,, ..	453	25	..	..
1 July ..	435	80	2	53				6	65	25 ,, ..	453	15	..	..
										26 ,, ..	453	05	..	..
			12	57	27 ,, ..	456	60	..	..	27 ,, ..	453	00	..	21
2 ,, ..	436	50	1	86	28 ,, ..	456	60	..	27	28 ,, ..	452	90	..	..
3 ,, ..	436	60	..	45	29 ,, ..	456	55	..	08				..	21
4 ,, ..	436	60	..	..	30 ,, ..	456	50	..	..					
5 ,, ..	437	25	2	40	31 ,, ..	456	45	..	11	29 ,, ..	452	80	..	..
6 ,, ..	439	00	3	37						30 ,, ..	452	70	..	..
7 ,, ..	439	15	..	..	1 Sept. ..	456	45	..	82	31 ,, ..	452	65	..	..
8 ,, ..	439	20	..	..	2 ,, ..	456	45	..	..	4 Nov. ..	452	40	..	53
										11 ,, ..	452	05	1	73
			8	08				..	78	18 ,, ..	451	50	..	..
										25 ,, ..	450	95	..	..
9 ,, ..	439	20	..	10	3 ,, ..	456	40	..	..				2	25
10 ,, ..	439	15	..	08	4 ,, ..	456	30	..	..					
11 ,, ..	439	10	..	..	5 ,, ..	456	05	..	..	2 Dec. ..	450	40	..	..
12 ,, ..	439	05	..	29	6 ,, ..	456	22	..	..	9 ,, ..	449	90	..	..
14 ,, ..	439	20	1	86	7 ,, ..	456	20	..	..	16 ,, ..	449	25	..	..
15 ,, ..	440	00	2	57	8 ,, ..	456	17	..	..	23 ,, ..	448	72	..	..
.. ,, ..	448	20	5	52	9 ,, ..	456	15	..	..	30 ,, ..	448	20	..	..
													89	08
			10	41				..	..					

Table No. 9—*contd.*

Showing Height of Water in, and Rainfall at, Tulsi Lake from 1861 to 1889.

1889.

	Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.			Height of Water in the Lake.		Rainfall.	
	Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.		Feet.	Cents.	Inches.	Cents.
6 Jan. ..	447	65	..	..	8 July. ..	437	90	2	32	2 Sept. ..	456	50	..	[illegible]
13 „ ..	447	15	..	..	9 „ ..	439	90	2	50	3 „ ..	456	50	..	[illegible]
20 „ ..	446	60	..	..	10 „ ..	441	60	5	96	4 „ ..	456	45	..	..
27 „ ..	446	02	..	..	11 „ ..	444	25	5	11	5 „ ..	456	40	..	..
3 Feb. ..	445	50	..	..	12 „ ..	446	80	3	28	6 „ ..	456	35	..	..
10 „ ..	445	00	..	..	13 „ ..	448	70	4	24	7 „ ..	456	32	..	..
17 „ ..	444	40	..	..	14 „ ..	449	80	1	24	8 „ ..	456	25	..	..
24 „ ..	443	80	..	..				25	25				..	55
3 Mar. ..	443	30	..	..										
10 „ ..	442	65	..	..										
17 „ ..	442	10	..	..										
24 „ ..	441	40	..	..	15 „ ..	450	05	..	05	9 „ ..	458	20	..	..
31 „ ..	440	80	..	..	16 „ ..	450	30	..	65	10 „ ..	456	15	..	..
7 April ..	440	10	..	..	17 „ ..	450	90	1	85	11 „ ..	456	10	..	05
14 „ ..	439	45	..	..	18 „ ..	451	30	..	89	12 „ ..	456	02	..	..
21 „ ..	438	75	..	..	19 „ ..	453	00	4	03	13 „ ..	455	97	..	..
28 „ ..	438	05	..	..	20 „ ..	455	35	4	89	14 „ ..	455	92	..	..
5 May ..	437	40	..	..	21 „ ..	456	00	1	02	15 „ ..	455	87	..	..
12 „ ..	436	70	..	..				13	38				..	11
19 „ ..	435	95	..	..										
20 „ ..	436	85	..	..										
21 „ ..	435	75	..	..										
22 „ ..	435	65	..	..	22 „ ..	456	30	..	36	16 „ ..	455	82	..	42
23 „ ..	435	55	..	..	23 „ ..	456	40	..	23	17 „ ..	455	80	..	51
24 „ ..	435	42	..	..	24 „ ..	456	50	..	..	18 „ ..	455	80	..	97
25 „ ..	435	30	..	..	25 „ ..	456	52	..	59	19 „ ..	456	75	..	..
26 „ ..	435	20	..	..	26 „ ..	456	55	..	21	20 „ ..	455	70	..	..
			..	..	27 „ ..	456	55	..	..	21 „ ..	455	65	..	..
			..	17	28 „ ..	456	55	..	..	22 „ ..	456	60	..	..
								1	39				1	80
2 June ..	434	50	..	..										
			..	..										
					29 „ ..	456	50	..	05	23 „ ..	455	50	..	..
3 „ ..	434	40	..	..	30 „ ..	456	45	..	23	24 „ ..	455	45	..	05
4 „ ..	434	27	..	..	31 „ ..	456	42	..	12	25 „ ..	455	40	..	..
5 „ ..	434	15	..	..	1 Aug. ..	456	40	..	10	26 „ ..	455	35	..	..
6 „ ..	434	02	..	..	2 „ ..	456	40	..	36	27 „ ..	455	25	..	32
7 „ ..	434	20	3	12	3 „ ..	456	40	..	61	28 „ ..	455	20	..	07
8 „ ..	434	15	..	14	4 „ ..	456	40	..	31	29 „ ..	455	12	..	14
9 „ ..	434	07	..	15				1	78				..	58
			3	41										
					5 Aug. ..	456	40	..	09	30 „ ..	455	05	..	..
10 „ ..	433	97	..	..	6 „ ..	456	40	..	27					
11 „ ..	433	90	..	07	7 „ ..	456	65	2	19	1 Oct. ..	455	00	..	25
12 „ ..	433	80	..	09	8 „ ..	456	75	1	42	2 „ ..	454	95	..	..
13 „ ..	433	70	..	19	9 „ ..	456	70	..	35	3 „ ..	454	90	..	..
14 „ ..	433	60	..	06	10 „ ..	456	60	..	17	4 „ ..	454	85	..	..
15 „ ..	433	52	..	13	11 „ ..	456	60	..	41	5 „ ..	454	80	..	15
16 „ ..	433	42	..	11						6 „ ..	454	80	1	15
			..	65				4	90				1	55
					12 „ ..	456	60	..	45					
17 „ ..	433	32	..	12	13 „ ..	456	75	1	01	7 „ ..	454	75	..	24
18 „ ..	433	25	..	..	14 „ ..	456	85	1	36	8 „ ..	454	70	..	..
19 „ ..	433	16	..	14	15 „ ..	456	80	..	82	9 „ ..	454	65	..	..
20 „ ..	433	10	..	09	16 „ ..	456	70	..	44	10 „ ..	454	60	..	..
21 „ ..	433	10	1	21	17 „ ..	456	70	..	55	11 „ ..	454	55	..	..
22 „ ..	433	10	..	55	18 „ ..	456	70	..	39	12 „ ..	454	47	..	..
23 „ ..	433	00	..	16						13 „ ..	454	40	..	..
			2	27				5	02				..	24
					19 „ ..	456	70	..	31					
24 June ..	433	96	..	93	20 „ ..	456	65	..	61	14 „ ..	454	32	..	..
25 „ ..	433	15	2	01	21 „ ..	456	60	..	23	15 „ ..	454	25	..	..
26 „ ..	433	90	6	70	22 „ ..	456	55	..	31	16 „ ..	454	15	..	04
27 „ ..	434	90	3	67	23 „ ..	456	55	..	28	17 „ ..	454	05	..	..
28 „ ..	435	65	2	41	24 „ ..	456	55	..	66	18 „ ..	454	07	..	83
29 „ ..	436	20	1	89	25 „ ..	456	55	..	27	19 „ ..	454	05	..	32
30 „ ..	436	25	..	90						20 „ ..	454	00	..	08
			16	80				2	67				1	27
					26 „ ..	456	55	..	22					
1 July ..	436	20	..	12	27 „ ..	456	55	..	43	27 „ ..	453	40	..	..
2 „ ..	436	15	..	00	28 „ ..	456	55	..	65					
3 „ ..	436	10	..	20	29 „ ..	456	55	..	39	3 Nov. ..	452	85	..	..
4 „ ..	436	10	..	55	30 „ ..	456	50	..	22	10 „ ..	452	30	..	..
5 „ ..	436	12	1	02	31 „ ..	456	50	..	44	17 „ ..	451	72	..	..
6 „ ..	436	40	2	00	1 Sept. ..	456	50	..	09	24 „ ..	451	15	..	..
7 „ ..	437	30	2	69										
			6	58				2	44	1 Dec. ..	450	65	..	[illegible]

Table No. 10.

GIVING RAINFALL AT VEHAR LAKE AND DATES OF LOWEST AND HIGHEST LEVELS OF WATER FOR 29 YEARS.

Level of Planks on Waste Weir, 1887 .....263·5 T. H. Datum.
,, Bottom of Channel to new Tower, 236·0 ,,

Year.	Month and date of lowest level.	T.H.D	Month and date of overflow or highest level.	T.H.D	Rainfall. In cts.	Compared with average of 29 years. Average=1·00
1860...	.....	...	July 27th	262·5	.....	.....
1861...	June 1st.....	251·2	August 17th	263·5	105·4	1·29
1862...	,, 7th.....	251·6	October 4th	261·1	96·4	1·18
1863...	,, 6th	252·0	August 15th'	263·0	117·1	1·44
1864...	,, 18th.....	251·8	September 17th	259·3	83·2	1·02
1865...	,, 10th	247·5	,, 23rd	260·9	88·8	1·09
1866...	,, 16th.....	249·9	August 11th	262·6	75·0	·92
1867...	,, 22nd.....	249·7	October 19th.....	261·1	79·9	·98
1868...	,, 6th.....	251·0	September 5th	261·1	70·2	·86
1869...	,, 12th.....	249·6	October 2nd	262·8	91·69	1·12
1870...	,, 4th.....	251·9	August 27th.....	261·2	64·97	·80
1871...	July 8th.....	249·3	September 16th	251·9	40·89	·50
1872...	June 15th.....	239·2	,, 28th	254·8	65·93	·81
1873...	May 31st.....	243·5	,, 13th	263·5	83·72	1·03
1874...	June 13th.....	251·6	July 25th	263·7	93·73	1·15
1875...	,, 12th.....	250·5	September 4th	262·7	74·25	·91
1876...	,, 10th.....	250·5	July 29th	262·7	65·68	·80
1877...	,, 16th.....	250·2	October 13th.....	258·7	62·71	·77
1878...	,, 15th.....	247·4	July 27th	262·9	120·79	1·48
1879...	,, 7th.....	251·6	August 16th	262·9	76·04	·98
1880...	,, 19th.....	249·6	September 25th	261·1	72·42	·89
1881...	,, 4th.....	249·4	October 8th	258·2	59·10	·72
1882...	,, 2nd.....	246·4	September 15th	255·6	54·63	·67
1883...	,, 15th.....	248·1	October 26th.....	262·5	99·54	1·22
1884...	,, 13th.....	251·6	September 16th.....	263·4	87·65	1·07
1885...	July 10th.....	251·3	October 9th	261·4	76·55	·94
1886...	June 4th.....	249·9	July 24th.....	263·5	104·65	1·28
1887...	,, 4th.....	250·0	August 8th	263·5	92·86	1·14
1888...	,, 26th.....	248·6	August 28th	259·8	76·71	·94
1889...	,, 20th.....	248·2	September 28th	257·6	85·24	1·04
			Average...	...	81·57	

Table No. 11.

GIVING RAINFALL AT TULSI LAKE AND DATES OF LOWEST AND HIGHEST LEVELS OF WATER FOR 9 YEARS.

Level of Waste Weir, as raised 1885..... 456·50 T. H. Datum.
,, Lowest Inlet to Tower .....399·36 ,,

Year.	Month and date of lowest level.	T.H.D.	Month and date of overflow or highest level.	T.H.D.	Rainfall In cts.
1881...	June 26th.....	415·21	October 9th	448·45	84·26
1882...	,, 2nd ,.....	419·78	September 15th ...	448·41	74·22
1883...	,, 22nd.....	413·80	,, 7th ...	452·64	109·46
1884...	July 4th.....	428·40	,, 26th ...	452·90	94·84
1885...	,, 10th.....	423·90	October 9th	448·30	82·57
1886 ..	June 11th.....	422·90	July 24th	456·90	108·42
1887...	,, 11th.....	436·10	,, 25th	456·70	95·86
1888...	,, 22nd	433·25	Aug. 21st	456·65	89·08
1889...	,, 23rd	433·00	July 24th	456·50	92·91

Table No. 12.

Showing the number of Water Connections made each year since the Vehar Lake was completed and the annual increase numerically and per centum :—

Number of Water Connections from 1860 *to* 1888-89.

Year.	Number.	Increase.		Remarks.
		In number.	Per cent. of connections.	
1860	208	.....	.....	Vehar water first supplied.
1861	1,061	853	410	
1862	2,085	1,024	97	
1863	3,422	1,337	64	
1864	5,198	1,776	52	
1865	6,470	1,272	24	
1866	6,750	280	4·3	
1867	7,526	776	11·5	
1868	8,218	692	9·2	
1869	9,158	940	11·4	
1870	9,643	485	5·3	
1871	10,037	394	4·1	
1872	10,315	278	2·8	
1873	10.629	314	3·4	
1874	10,879	250	2·4	
1875	11,109	230	2·1	
1876	11,434	325	2·9	
1877	11,752	318	2·8	
1878	11,908	156	1·3	
1879	12,066	158	1·3	
1880	12,494	428	3·5	
1881	12,817	323	2·6	
1882-83	13,244	427	3·3	
1883-84	13,545	301	2·3	
1884-85	13,909	364	2·7	
1885-86	14,448	539	3·9	
1886-87	14,865	417	2·9	
1887-88	15,364	499	3·4	
1888-89	16,098	734	4·8	

Table No. 13.

Showing the Maximum Weekly Rainfall at Vehar from 1861 *to* 1889.

Week ending	Depth.	Week ending	Depth.
1861 ... Aug. 17th	... 27·50 inches.	1876 ... July 8th	... 14·48 inches.
1862 ... June 21st	... 13·70 ,,	1877 ... June 23rd	... 15·68 ,,
1863 ... ,, 20th	... 25·60 ,,	1878 ... July 27th	... 18·71 ,,
1864 ... July 2nd	... 17·30 ,,	1879 ... Aug. 2nd	... 18·34 ,,
1865 ... Aug. 19th	... 19·30 ,,	1880 ... Sept. 18th	... 17·57 ,,
1866 ... ,, 4th	... 19·50 ,,	1881 ... Aug. 6th	... 9·60 ,,
1867 ... July 20th	... 27·00 ,,	1882 ... June 9th	... 11·79 ,,
1868 ... ,, 18th	... 14·20 ,,	1883 ... July 13th	... 23·63 ,,
1869 ... ,, 17th	... 13·88 ,,	1884 ... ,, 18th	... 14·48 ,,
1870 ... June 18th	... 14·21 ,,	1885 ... Aug. 21st	... 18·10 ,,
1871 ... July 15th	... 5·78 ,,	1886 ... July 17th	... 26·78 ,,
1872 ... June 29th	... 15·09 ,,	1887 ... July 9th	... 27·89
1873 ... Aug. 30th	... 19·22 ,,	1888 ... July 1st	... 13·01 ,,
1874 ... July 25th	... 26·92 ,,	1889 ... July 14th	... 21·26 ,,
1875 ... June 26th	... 21·74 ,,		

00133793

Digitized with financial assistance from

Government of Maharashtra

on 01 February, 2020